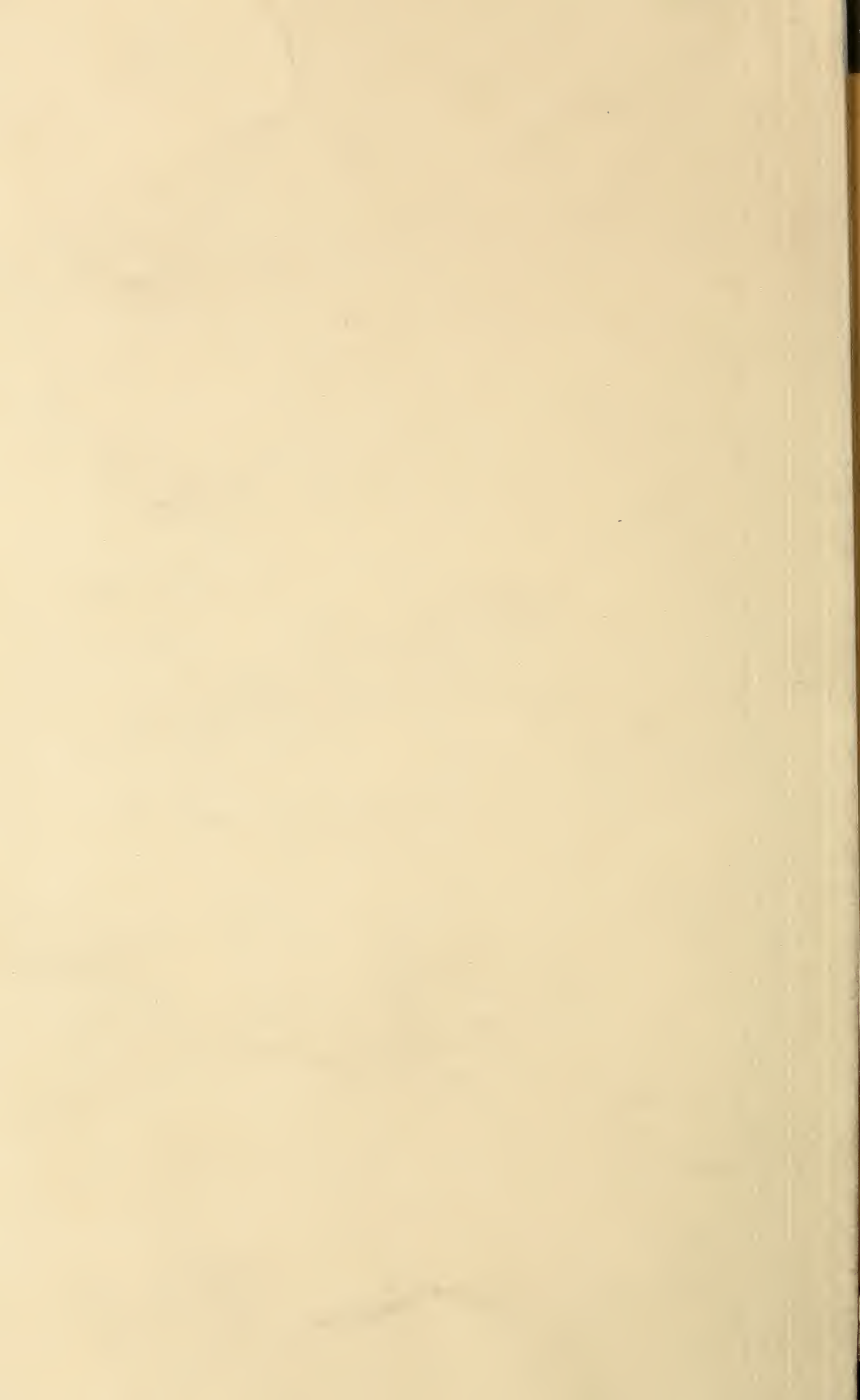


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PARK'S FLORAL MAGAZINE

Vol. LVI. No. 5.
Established 1871,

May, 1920.

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PARK'S FLORAL MAGAZINE

A MONTHLY DEVOTED TO FLOWERS

LAPARK SEED AND PLANT COMPANY, Inc., Publishers

LAPARK, — PENN'A.

Entered at Lapark, Pa. P. O. as 2nd-class Mail Matter.

M. M. Hersh, Circulation Manager

ADDRESS ALL LETTERS TO US.

More than two years ago Mr. Park sold this Magazine to us, and all Mail should be addressed directly to the Magazine. Of course all subscriptions, orders, etc., connected with the Magazine, belong to us, but we do not open mail addressed to Mr. Park, and forwarding the mail to his present, new home, is a source of delay and consequent complaint,

SHARING FLORAL BOUNTY.

I am wondering if we could all have a common interest more generally appealing, and so every day stimulating, in connection with the enjoyment of foliage and flower production work, as that of sharing the excess thereof with the "Peoples Denied".

People act in groups by reason of their common likes. The flower liking people—the flower growing people—are a sharing folk. Their impulse is to share their floral excess with everyone, but their better natures are best satisfied when they share, with a knowledge that the floral free will offerings made, are accepted with gratitude and full appreciation.

Now it so falls out that the ultimate usefulness in the world of the Salvation Army required the exposure of service in the front lines of the World War to bring the calibre of this service to the attention of all our people. It takes but a simple service to stir a ground swell appreciation. The service of the workers of the Salvation Army with your boys on the other side was extremely simple. It was but the bringing of the love and affection of a God fearing fireside to the attention of men who with organized direction had their minds steeled to a certain purpose, which though maintained that home and country and the world might remain free, yet was maintained under conditions that made men of necessity readily unmindful of home ties. So when the home side idea was brought to them the incongruity of it appealed to the men. They went forward the better for having seen a bit of it, and wherever they saw this simple homely Salvation Army service they were bettered because of it.

But there is no Armistice for the organized work of these continual fighters. They are back at the old struggle. They pass the day and the night in relief of distress. They are happy to serve in this work.

The Salvation Army authorities will gladly accept seeds and bulbs and plants from those

disposed to offer them and they will pass them on to those touched by their work in the dark places of city and town with a view to having the seed or the bulb or the plant develop a ray of sunshine for those into whose hands they with kindly love will leave them.

In the first stages of the working out of the idea your excess of seeds or bulbs or plants may be sent to us by parcel post carefully packed and labeled with the outside wrapper marked "For the Salvation Army". We will for a time forward to various headquarters of the Salvation Army but soon we will announce the address most near to your home where you can send the offerings direct. Let our great family of floral workers commence a movement that will grow as the years roll on conscious that what we forward will be of delight and cheer to the ones who will be thus served and let us each take time to send directions for the culture of what we offer with the name of each offering clearly indicated. The written word will assist the person receiving the seed, tuber or plant stock and will quicken interest and heighten appreciation. I will be glad to have suggestions from any disposed to write to me on this subject. The season is of course late but we can each plan to save a little maturing seed for this purpose, or to divide our supply of roots or to spare from the many plants that we grow.

Address any correspondence in this connection directly to the Editor.

J. R. Eddy.

THE JOY OF THE GARDEN.

By Fredrick Webley, M. D.

The larks sing in the meadow,
And the lambs bleat on the lea,
The happy bees are humming,
And they all are calling me.

O, I hate the sordid city
With it's gilded misery;
Man's home was first a garden,
And 'tis there that he would be.

If I lingered in the city
I might lose the love of song:
Though my heart is touched with pity,
To the garden I belong.

God walked within a garden,
And still, as in a dream,
The radiance of His presence
Is on vale and sky and stream.

'Twas in an Easter garden
He rose, who set us free;
And every year the Spring time
Keeps green that memory.

To all the green things growing
God comes in the sun and showers,
And they feel the new life flowing
That tints the heaven-sent flowers.

Above the war-time trenches
The bloom of the Springtime starts;
O, is it the World's New Springtime—
This Joy within our hearts.

East San Diego, Calif.



SWEET PEAS IN NEW ENGLAND

I read with much interest how Sweet Peas are grown in Ohio. Several years ago in the State of Maine, I used to pass a yard where wonderful Sweet Peas were growing. Now please believe me: this is no stretch of the truth and no woman's guess. It was by measure that I found them to be 10 and 12 feet high. They were trained on birch trees which served as a brush climbing support for them. They were sold by the bunch to local florists and were clipped off with the aid of a step ladder. This was before the Spencers were here and there were all the good old standbys, Blanche Ferry, Queen Victoria, Captain of the Blues, etc. Well I just had to go in the yard to



admire them and ask questions. Here is the method for their planting. Dig a trench about 6 inches deep and as wide. Put in 2 in. of wood ashes and mix with soil. Plant a double row, each seed 1 inch apart, cover 4 inches deep on light soil. When six inches high, hoe like a garden pea and mulch with lawn clippings or damp straw, etc. Keep mulched well all summer. No other fertilizer was used. These people did their own work and the laundry wash water from the tubs was applied to the roots once each week. No other fertilizer was used. The rule was to run the rows East and West. Our strong winds in summer usually blow strongest from these directions; the showers were mainly from the West. So ever since I have planted my own sweet peas on wood ashes—wood ashes as you know affording us the lyche that is the fertilizing element in laundry wash water. And here is a regular whim of mine. If you give them 3 feet of support they will grow to it. Give them 10 foot of support and they will hustle to the top. I believe in giving our experiences from different groups of states. Our climate and winds are different and there is such a diversity of soil kinds and fertility in different parts of the country!

Bertha N. Norris.

FLOWER FAVORITES.

I know the rose is pretty,
Some like it best of all,
But a humble, little flower,
That clammers on the wall,
Just fills my heart with gladness;
I love it most of all.
It is no flaunting beauty,
It holds no prideful place;
'Tis just a morning glory
With a sweet and fresh, young face,
And on a dewy morning,
It weeps with saintly grace.
In gay festoons of color,
It clings upon the wall;
'Tis but a homely flower
But to me it seems to call
Across the years and bring me
Back to childhood—jus' so tall.
Annie Hiller, Uvalde, Texas.

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SPIREA, PRUNIFOLIA FL. PL. Known best under its homely name of "Bridal Wreath", and one of the prettiest of all Hardy Shrubs.

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TABLETS

JUST A SMILE.

The thing that goes the farthest toward making life worth while,
That costs the least and does the most, is just a pleasant smile.
The smile that bubbles from a heart that loves its fellow men
Will drive away the clouds of gloom and coax the sun again.
Its rays of mirthful kindness with manly goodness blent
Are worth a million dollars yet they do not cost a cent!

There is no room for sadness when you see a cheery smile;
It always brings the same good luck, is never out of style.
It urges us to try again when failures make us blue,
And ripples in encouragement that makes us dare and do.
It pays the highest interest rate when to the world 'tis lent—
While worth a million dollars, it never costs a cent!

A smile comes very easy: you can wrinkle up with cheer
A hundred times before you can squeeze out one soggy tear.
It stretches out, moreover, for sad heart-strings it may tug,
And always leaves the feeling of a great big loving hug.
So smile away, my brother!—Of that you'll ne'er repent;
Tho' worth a million dollars, it costs you not one cent!

—Writer Unknown.

TRITOMA PFITZERII.

Tritoma Pfitzerii, or as it is more popularly known, the Torch or Flame Flower, is a very beautiful half hardy herbaceous perennial of tropical luxuriance, having long linear grass like leaves producing its flowers in towering spikes on stiff ramrod like stalks from three to four feet in length. The flowers which are quite small and tubular in shape and of an orange scarlet in color closely mass themselves at the summit of the stalk for about a foot in length

and when seen at a distance bear a striking resemblance to a blazing torch or flame, hence the popular name of Torch or Flame flower. The flower spikes are produced in the greatest profusion from August until November, or even later if the season is a mild one and the plants are in a shel-



tered situation. This *Tritoma* is admirably adapted for beds or groups on the lawn or as a single specimen in the mixed border, but wherever grown should be given an open sunny situation and a very deep well-enriched soil, and sufficient space in which to properly develop itself. And if the opportunity offers a mulch of rotted manure and copious supplies of water during hot dry weather will add a greater luxuriance to both foliage and flower spikes. As this *Tritoma* is so nearly hardy it can be planted outside the last week of April and after the middle of November carefully take up with as large a ball of soil as possible and place in a box of moist soil and remove to a cool light cellar until the time arrives for planting outside again. At least two-thirds of the foliage should be removed before the plant is brought inside and unless the cellar is a very warm and dry one no water will be required. This *Tritoma* should be given more attention than it at present receives, especially by amateurs, as it produces the most satisfactory results with but little care or attention.

Charles Parnell, Floral Park, N. Y.

FLOWERS AND PLANTS WITH SCENTED FOLIAGE.

For sweet scented foliage I grow a few hardy perennials, including Southernwood, and *Artemesia*, *Rosemary*; *Fever Few*; *Sweet Briar* or *Eglantine*; *Bergamot*; *Balm* and several varieties of *Thyme*. I grow among annuals *Perilla Nankinensis* which self sows; Annual *Artemesia* or *Sweet Fern* also by some called *Jerusalem Oak*, which also by the way is self sowing; *Tagetes Lucida*, which has small golden flowers and leaves with myrrh-like fragrance. I have, too, a bushy-growing plant with lemon scented foliage, and flowers, size, and somewhat the form of *Physostegia*, white, which I do not know the name of. Bees adore it. Here is a list of another sort. *Valerian*; *Trilliums*; Foliage of some of the Hardy *Salvias*; *Thalictrum*; *Cardomum*. I am sure that all who know these are interested in them from some characteristic other than that of their fragrance. We will leave to each one to determine just what the odors from parts of these last named plants are like. I am interested in flowers of every sort and cultivate all of the ordinary kinds as well as some of the out-of-the-ordinary kinds. I am always wishing for more and I like to try new things as they arrive and especially do I like to domesticate wildlings from the different states. Where friends know the Botanical names of wildlings and out of the ordinary perennials and annuals I will be pleased to correspond with them.

Minnie E. Main, R. 2, Westerly, R. I.

PARK'S FLORAL MAGAZINE

LaPark, Pennsylvania.

HOW I START FINE SEED.

TO START FOXGLOVE and such other fine perennial seed, I dig a small spot anywhere there is room in the vegetable garden, thoroughly pulverize the soil with the palm of the hand until it is like powder. Then level it with a small bit of board and pat it down and sprinkle the soil if it is dry. When only moist I scatter my small seeds over it, press them down with a board but I do not cover them with any additional dirt. I then take a barrel

stave to use as a cover or a small piece of board. At nights I remove the cover and in the morning I cover them. If there has been no dew or rain I sprinkle them a little and cover them again. This I do until the plants appear and as the plants get up a little I cover them a little later in the morning each day. When they are large enough I cover only in the middle of the day. When as large as a penny, I transplant on north side of house in rows leaving the space of a plant each way in the rows and between them. When they grow so as to touch I lift every other one and start another row. I keep doing this until the plants are large enough to put in their permanent places, then I set them in groups as they do better in colonies than as

DIGITALIS
individual plants. By this time there are more to lift from where they were sown and I set them in the same way and allow them to remain and in the fall I cover them with leaves if I have them and if not with newspapers the whole length of the bed and then cover the plants with a strip of three feet wide poultry netting and weight it down with stones, for winter protection.

Mrs. G. Woodward,

47 Stillman Ave., Westerly, R. I.

Balsams Tender Annual Culture

Balsams should be started in pans as transplanting makes double blooms. In

beds give good rich soil and plenty of water. Can be used as a low hedge to border paths. Specimen Tree Balsams can be produced by setting plants in tubs or large pots. Make very rich.



Pinch out top to make stalky growth and branches. Give manure water once a week. For a perfect Tree form, set at distance from buildings or piazzas. In beds plant out 12 inches or more apart. A very tender annual. Should not be planted out until warm settled weather. The branches may be used like cuttings and be rooted in sand or water.

SWEET PEAS ARE THE QUEENS OF GARDENLAND-CULTURE.

Plant as early as ground can be worked. Make a trench 5 or 6 inches deep and wide. In bottom place layer of well rotted manure. Fill with soil in which good amount of wood ashes has been mixed. Plant a double row of seed one inch or one inch and a half deep. Sow one inch apart in row. When plants are about 4 inches high hoe and hill them up a bit. Then with lawn clippings or other grass mulch well. Use either wire nettings or brush for supports. If possible make these supports six feet high. When planted between two wire supports of chicken wire netting they are very happy. Keep watered and well mulched. They will often climb 10 feet in rich garden soil and carry a wealth of bloom. Hardy annuals.

THE BLESSINGS OF SHADE.

The kindest thing God ever made,
His hand of very healing laid
Upon a fevered world, is shade.

His glorious company of trees
Throw out their mantles, and under these
The dust-stained wanderer finds ease.

Green temples, closed against the beat
Of noontime's blinding glare and heat,
Open to any pilgrim's feet.

The white road blisters in the sun;
Now half the weary journey done,
Enter and rest, O weary one!

And feel the dew of dawn still wet
Beneath thy feet, and so forget
The burning highway's ache and fret.

This is God's hospitality.
And whoso rests beneath a tree
Hath cause to thank Him gratefully.
Theodosia Garrison.

AQUATIC GARDEN AT LITTLE COST.

THE SPRING SHOWER of seed catalogues have long since filled the suburbanites' mail boxes to overflowing and families under the lamp light have made their annual selections and are spending all their spare time in planning the layout of beds and plots, or are closely examining the perennials for evidence of budding or otherwise busying themselves in the garden.

Just wait a minute before going any further and consider an aquatic garden. Every garden lover wants an aquatic garden eventually, so why not now? If you are lucky enough to have a brook or a pool or a small stream on the place there's



IRIS

nothing to do but go ahead and plan and plant. But if a pool must be built it is a matter for thought; because it's one of expense.

The expense depends upon the conveyance of water, the hauling of building stone or brick and how much you can do yourself with the aid of local help. Field stone and cement are available in almost every locality and the rougher the finish of the pool, the more artistic it will prove to be, in appearance. Along the banks of the brook or around the edge of the pool plant the

different varieties of Ribbon Grass, Umbrella and Brake Ferns. Against the greenery, the Iris Lilies in pink, white, purple and yellow, are very decorative. In the water close to the edge, small clumps of pink water mallows and large leaved water plants are pretty while out on the surface, Water Lilies will be effective. There are many other water plants which do well in moderate climates that are decorative whether they boast blossoms or simply pretty foliage.

The brook or stream may be spanned by rustic bridges with uprights for lanterns at the ends. Benches like the bridges at either side of the brook may encourage the wanderer to go on to a pagoda-like summer house covered with Wisteria and planted around with brilliant colored Poppies, Iris and Honey Suckles. Another idea is to build a Wisteria Walk ending at the pool. This requires only rustic posts, six feet high, having heavy cross poles and side wires for the vines to run on. These vines develop such strong wood that they

must be trained on some very firm foundation or they will soon break it down.

Flowering shrubs add much beauty to the surroundings of the aquatic garden and must be chosen with great care as to their future size, their habits of growth, and their manner of dropping or changing their foliage. A tall dead tree stump is always decorative with well trained Virginia Creeper over it. A bird house



POPPY

partially concealed by the thick foliage on top will generally entice a family of Robins to return the following season. No garden is considered complete without one or more attractive bird baths and at least one bird cafeteria for inclement weather. Odd accessories may be had in the form of sundials. Some are moderate in cost and some can be contrived at home with little trouble. So try to have a sun-dial for it is the soul of the garden. The dial is always attractive if mounted on a base low enough for one to sit near and watch the shadow tell the time. If the dial is mounted on a tall pedestal the watcher must stand and that is tiresome, for a real garden should be restful in every sense.

A very attractive fancy is to place a Japanese water-wheel in a brook or where water can be dammed up to make a little rippling current, so that when it turns, the staves fall and make a strangely musical rhythm as they strike one another. There are a number of Chinese water plants that grow well in America and they are worth investigations. Some are of the floating vari-

ety which are attached to a small piece of wood with bark, like the Orchid grows upon, and these water plants are generally of the flowering kind. The presence of fish in an aquatic garden is always worth considering. The preference is generally for gold fish, which live well and thrive under this treatment if properly fed and if the plants are congenial to them. Now can you picture in your mind this beautiful and artistic aquatic garden.

Elsie B. Stoner, Atglen, Penna.

PRIMROSES.

I asked an Englishman in the house about the English Primroses. The natives are called Cowslip, Oxlip and Primrose. They come in shades of yellow and grow freely in the meadows of Southern England. The cultivated ones are started in shallow boxes of soil composed of light loam and leaf mold and sand. Sift rather coarsely. Then press with a bit of board. Sow seeds quite



thick over the pressed soil. Cover with a light coating of leaf mold or Spagnum moss. Press slightly. Keep moist. When middle leaves appear, lift carefully and set in another box like the first. Put out one inch apart. In about five weeks shift to small pots. As pots fill with roots shift to larger ones. Aphids are a trouble so keep tobacco dust or stems over soil in pot. Although in the Half Hardy Perennial class the climate of England is more to their liking. There the climate is mild and damp and the native soil is heavy. If you have much frost a cold frame will be necessary for protection. There are Alpine, Japanese and cultivated English sorts. Climate suitability must be tried with each individual experimenter.

Bertha N. Norris

PANSY CULTURE.

Pansies require a long season, so plant early in seed pans. Seed is covered $\frac{1}{4}$ inch deep. When four leaves appear transplant to rich fine soil, partly composed of leaf mold. Set four inches apart or singly in 3 inch paper pots. The bed should be shaded from the hot wind



and noon sun. Make bed deep and rich. Sandy loam, well rotted manure and leaf mold well worked together grow the finest blooms. Set plants in bed six inches apart. Give plenty of water and manure water once each week. Keep soil stirred around plants. Parsley makes a beautiful border for a Pansy Bed. If flowers are kept well picked and no seed pods allowed to form, will blossom until winter. If bed is protected some roots will live over.

Hollyhocks Culture Hardy Perennials

Hollyhocks if started early will bloom the first season. They require a rich rather heavy well drained loam to be at their best. Plant in boxes or paper pots, about $\frac{1}{4}$ inch deep. When warm enough in May transplant to open ground. Care must be taken that Hollyhocks are set where water does not stand in winter or spring as crowns of the plants rot easily. A protection of coarse litter should be given after ground freezes in Autumn. Hardy Perennials.

LILAC TIME.

So sweet is life in Lilac time,
As violets dot the lanes divine,
Fay fingers set all bells a-chime—
Yes, life is sweet in Lilac-time.

How swift do wings cleft cloudless blue,
How fern fronds brake their chains in dew
In woodland haunts so dear to you,
In Lilac-time.

Though dark the years of tragic past,
The dawn of peace has come at last,
Though some have fell where die was cast,—
It's Lilac-time.

No shadows dull and hateful now,
Neath leafy tree or trellised bow,
All nature smiles and shows us how—
In Lilac-time.

A. B. McAttammy.

165 Edgecombe Ave., N. Y. City,

ALCEOLARIA FROM SEED.

Mrs. J. F. Warren:—Calceolaria is in the Half Hardy Perennial Class. Is a native of Chili and of Peru. It's odd out beautiful floral pockets are striped and blotched in yellow, maroon, crimson, brown, etc. Seed are very fine and need extra care. Sow in shallow boxes of light sifted soil. Sprinkle seed on soil and press in with a bit of board. Keep warm and moist. A good plan is to keep a damp, thin white cloth over



the seed box. If this cloth is wrung after having been dipped in warm water it may hold sufficient moisture to germinate the seed, but if not use a very fine pray upon the cloth. You should see the young plants germinate in about two weeks. When large enough to handle, transplant to small pots. Shift as necessary. Full grown plants will require 4 or 6 inch pots. Keep clean by sprinkling with warm water. When buds appear weak, manure water will be beneficial. Never let them suffer for water. Give a good light but protect from hot sun. A rather shady window is a good situation.

FLORAGRAMS.

If the ground where you plant Gladiolus is too heavy to suit just mix in plenty of sawdust. You will find that it will help a lot. There is nothing like lots of sawdust in any garden soil. It will take the place of leaf mold and we cannot always get that.

Mrs. R. A. McCoy, Box 273.

Buffalo, Minn.

Soil for Tomato and Aster Seeds

Just before the ground freezes in the fall, carry several pails of good loam into the cellar and store in boxes. You will find this very convenient next March when you want to plant Tomato and Aster seeds and the ground outside is covered with snow and ice.

Fertilizing Soil in Seed Boxes.

When planting flower seeds in boxes never place fertilizer near the top where it will come in contact with fine seeds, as it is likely to rot them. Always mix a small quantity of fertilizer thoroughly with the earth in the bottom and cover it with fine loam before planting seeds.

Watering Seed Boxes.

When seed boxes need watering I find an ordinary brush broom very convenient, as a fine spray can be made with it and the seeds are not washed out of the soil. I use warm water, and any old brush that is past use for clothing will do nicely.

Planting New Acquaintances.

Each season I try some new plant which I have never seen. Sometimes it proves a disappointment, sometimes a treasure, but in either case I enjoy watching its growth and anticipating its coming forth in bloom. One with which I have been most pleased is *Nemesia Strumosa*. Two perennials which I have enjoyed greatly are *Lupinus Polyphillus Roseus* and *Heuchera Sanguinea*. The former grows three feet high, with immense spikes of pea-shaped, sweet-scented flowers, the latter is a rather dainty looking plant with stems of lovely little coral bells which last a long time.

Put New Things in Seed Boxes.

When trying something new you will have better success to plant the seeds in a box, keeping a cloth or newspaper over the earth till the seeds begin to germinate. Always plant in rows, so that the young and unfamiliar plants may not be mistaken for weeds and pulled up.

Planting Stocks.

Don't plant stocks too early in the house, as they are apt to damp off when kept too long inside. About April first is a good time in this climate. Make your plans so that the young plants may be set in the ground out of doors from four to six weeks after planting the seed. Transplant while small as they do not like to be disturbed after rank growth has begun. Stocks germinate first among all the seeds I plant. I have had them push up from the ground so the sprouts could be seen on the fourth day, when kept in a warm place.

Profitable Waiting.

How many times friends have admired perennials in my garden and requested seeds, asking in the same breath, "Will they bloom the first year?" Then receiving a negative answer they turn away impatiently saying, "Oh, I can't wait all that time. Don't gather any for me."

To such I always say soberly, "But you are waiting aren't you? Why not have seeds in the ground growing while you are waiting?"

This idea seems never to have occurred to most of them, and I generally succeed in inducing them to start a few while they wait which seems to me a much better way than to wait without anything to wait for.

Labels.

When a building is shingled the thin ends of the last row of shingles is cut off from six to eight inches. These I gather up and save to split up for labels for my seed beds. I find them more satisfactory than anything I have ever tried.

Lythrum.

Cut all blossoms of Lythrum Roseum as soon as they fade, otherwise it will soon become a nuisance, as it seeds freely and is rather hard to uproot.

Candytuft.

Plant Candytuft every two weeks till July and you will have sheets of white blossoms till frost destroys them. It is a plant of quick growth and matures its bloom in a few weeks.

Beds of Perennials.

A bed of perennials well cared for gives as much satisfaction as anything in the garden, for with these we may have blossoms from early spring till after the ground freezes, if we choose our plants with discretion. By all means raise these from seeds as you will thus get many varieties and colors of each plant, besides getting hundreds of plants for the same price you would pay for one plant from the florist.

Fertile Soil for Nasturtiums.

We have been told in various floral notes, not to make the soil very rich for Nasturtiums as this causes a rank growth of leaves. Try just one plant this season with rich earth and you will have the largest flowers you ever raised. After that you will always enrich the earth for your Nasturtiums. However, if you make the usual mistake of amateurs and plant



a whole packet of seeds in a space two feet square, the leaves will be so rank as to shade the buds and many of them will blight, thus making a large clump of rank, giant leaves with few blossoms. A Nasturtium plant eleven feet long, full of giant leaves and blossoms is a beautiful sight. This I have had in my garden by following the plan of planting a foot apart and enriching the earth. I have never tried this plan with the dwarf varieties, but have used the running varieties for many years.

Physostegia.

Physostegia is a very satisfactory perennial and increases quickly from the root. It grows from three to four feet tall and sends up long, showy spikes of a delicate pink bloom. There is also a white variety.

We are indebted to Mrs. Adella F. Veazie, Rockland, Maine, for the dozen foregoing pithy Floragrams. Join the short paragraph club and submit helpful pointers.

Noting the request for "How to Keep Moles from Flower Beds" I copy two suggestions and forward.

1. Take fresh corn (in milk), cut from cob as for canned corn, poison with strychnine solution and insert in the runways of the mole.

2. Place strips of paper or pieces of wood covered with coal tar around the beds.

TO PROTECT SEED FROM BIRDS.

1. Roll in a mixture of coal tar and lime before planting.

2. Cover with mosquito netting or cloth.

3. String No. 50 thread back and forth from sticks placed above the seed bed.

TO DESTROY ANT HILLS.

1. Oil of Pennyroyal on cotton plug inserted in hill.

2. Powered resin scattered about. (This last might answer for other pests. It was given me by a nurseryman as a practical remedy.)

3. A mixture of Paris green and sugar and water.

4. Sweet oil in dishes.

TO GET RID OF MICE.

Mixture (dry) of $\frac{1}{2}$ plaster of paris or lime and one-half meal placed in dishes. Must replenish frequently. Perhaps this would work for Moles. I have never used the lime, but the plaster of paris is effective in time, so I believe is Bi Sulphide of Carbon on cotton waste inserted every few feet in runways for moles. The runways where the material is placed should be pressed down with the foot over the material.

ROSE BUG. (MRS. ELA). FOR ROSE, IRIS, ETC.

3 pts. any kind sweet milk,

3 pts. Kerosene,

1 qt. Water.

Shake in demijohn and add one-half pint mixture to 1 gallon of water. Use every ten days as a spray from May 1st to June 15th and wet the ground about the bushes. This would be excellent for cauliflower, cabbage, etc.

FOR MAGGOTS.

1. Pint soft soap, 1 pint fine salt, 10 gallons water.

2. Use Kerosene emulsion around roots.

3. Use Carbolic acid to 30 parts of water, or 2 oz. of soap to 1 oz. of Carbolic Acid to 11 qts. of water.

Also:

1. Tar paper in hexagonal discs about the stems.

2. Sand soaked in Kerosene placed about but not touching the stem.

3. Fresh slaked lime and tobacco dust dug in the soil either dry or wet.

BORERS.

1. Dig deep hole. Put in manure, then air slaked lime to cover, next earth, then seed, then earth to cover seed with lime on top.

2. Paste of Kerosene, and wood ashes about stems but not touching the stems.

3. Plant in pit, hill earth, cover stem, and cover joints of the squash.

4. One-half pound soda, 1 gallon water, 1 cup to the hill for corn borer.

CATERPILLAR.

1. Mixture slug shot and lime. 1 pound of each dry.

2. Land plaster, or air slaked lime dusted over.

3. Arsenate of lead and liquid resin soap.

SCALE.

Paint with alcohol.

For Thrips, Mealy Bug, Aphides and Spider, spray or wash with the following: one-third slightly sour milk, two-thirds kerosene. Whip the mixture to emulsify, and add 12 to 20 parts of water, and mix well.

MILDEW.

1. Mixture of dry sulphur and chimney soot equal parts.

2. Potassium Sulphide 1 oz., mild soap dissolved 1 oz., water three gallon: and wash or spray affected plants.

A GOOD SHRUB.

1. Corchorus Japonicus flore pleno.
2. Corchorus Japonicus variegata (green and white foliage) flowers double, orange and yellow, June and July.

Needham, Mass.

Mrs. J. G. Caswell.

All of the above pointers suggested by one garden minded reader. This is splendid matter. Your Floragram can contain much of value by condensation. Get the brevity spirit in them.—Editor.

DO YOU KNOW?

THAT. THE ANNUAL Gypsophila or Baby's Breath, is just the finishing touch for a bouquet of Sweet Peas? It grows very readily in fine garden soil and may be planted very thick. It comes in both pink and white flowers.

That, a lovely garden ornament is a tripod of three rustic sticks about 12 feet high crossed in the middle and wired well and a rich bed around each pole planted to red Cypress seeds which should be soaked overnight in warm water?

That, when seeds are soaked to hasten germination they should be planted in moist, not dry soil? Dry soil would draw



GYPSOPHILA

out the water they had taken in. And after planting soaked seed must be kept moist until the sprouts show above ground.

That, dwarf Morning Glories are easy to grow, will thrive most any place, sun or shade, rich or poor soil, and they are very beautiful? All the Glory shades of blues and violet and pink make good fill-ups, where something disappointed you and failed to make growth. You may just stick in a seed about one-fourth inch deep. They will be sure to give you a surprise.

That, Ice Plant will grow in a rockery or the edge of a little wall by the corner bed or back door? It loves dry soil and very hot sunshine. The seeds are fine and only need pressing into very fine soil. It's good to use as a carpet under tall growing plants. The flowers are bright and pretty and the foliage is cool and refreshing in the hot summer days.

That, Schizanthus is as pretty and bright as a flight of tiny butterflies? It is a dainty, pretty companion to Alyssum and Gypsophila.

That, the Pepper has come into its own as a holiday ornament? The cluster varieties of long slim fruits and the small round kinds I saw for sale last Christmas at \$2.50 per pot. You can get seed at 10 cents per packet. Plant seed in boxes. Transplant to 4 inches apart and when 5 or 6 inches high pot in rich soil. They like heat, sunshine and richness. Pinch back to make bushy. May be kept on porch or outdoors until cool weather. It takes from 135 to 150 days for the fruits to ripen. You may plant so they will be at their best at just

the right time.

That, lawn clippings placed over newly set seedlings will keep them moist and protect them against wilting? Cover lightly and keep watered. I gave a woman some very thrifty seedlings one year. They all died. She did not know the reason. She had nursed them with the wash water once a week. We need a society with a long name for the protection of plants as well as animals.

Bertha N. Norris.

THE LILACS.

They are such a home-like flower, and seem to belong to the country. In Lilac time, when we drive through it, almost every farm house has its bush of purple Lilacs, sometimes the white ones too. I never get enough of them. I have set out shoots from the parent bushes and now have nine bushes, white and purple included. I am reckoning on the time when they all get ready to bloom together. I have placed one close to the front porch, as I want to lean over and pick the rare blooms from my piazza, and, also, I wish their sweet odor to make fragrant my bedroom. I want to have armfuls of Lilacs to place on my dear boy's grave and to decorate our home, and last but not least, to give away.

This I have learned, that when they seem to wither so quickly it is because the stalk is so woody the water cannot penetrate, so I split the stalks.

One of the plain old farm houses on the state road that we pass on our way to Saratoga has a long hedge in front of the house of Lilacs, as if to hide its bareness, and in Lilac time they are a sight to be long remembered, just a mass of purple blooms and delicate greenery. Some years ago I attended a village church. At the altar were many flowers in vases. I have forgotten them but I have never forgotten the beauty of a large bunch of Lilacs in a butter jar. The creamy tint of the jar seemed to harmonize exactly with the holder. They could not have had a more fitting holder.

I have been thinking why could not people who want a wind-break and who plant willows or evergreens, just as well plant Lilacs. They grow fast and make a dense hedge and would be a source of great beauty every year.

Eva Wendell Smith.

41 Parkewood Bly'd, Schenectady, N. Y.

DAHLIAS FROM SEED.

Some of the most beautiful Dahlias I have ever seen came from self-sown seed. A cousin who for several years has grown fine Dahlias last spring found many tiny seedlings near her Dahlia clumps. She carefully planted these and early in the summer they began to bloom and such large magnificent blossoms I had never seen before. Each one was different too. How exciting it was to watch the swelling buds and to wonder into what marvelous types they would develop. She grew much more beautiful flowers from them than came from tubers for which we had paid \$1.00 each. So if Dahlia tubers seem beyond your purse get a package or two of seeds and see what you can do with them.

Mrs. Sam Lancaster, Pauline, S. C.

FLOWER GARDENING PREPARATIONS.

MY SEED BED is located on the north side of some large trees. Far enough from the trees so that their outer branches just reach the inner side of the seed bed. After carefully preparing the seed bed it is marked off into rows. Some only a few inches apart while others are about 10 inches apart. In the wider rows I



PINKS

plant such varieties as make a rapid growth and those that blossom the first year. While the slower growing things are planted in rows 4 or 5 inches apart. *Bocconias* should be planted in the outside row at the widest end as they make such a rapid growth they will crowd out other things if planted in the bed. Mine grew over two feet tall last year and had such immense leaves. They were very pretty. Other plants that make a strong growth the first year are *Canterbury Bells*, *Digitalis*, *Delphiniums Hybridum* and *Grandiflorus*, *Gaillardias*, *Campanula Allirarifolia*, and *Sweet Rocket*. These should be planted in rows at least 8 inches apart. *Sweet Williams*, *Pinks*, *Columbines*, *Coreopsis*, *Pyrethrums*, *Lychnis*, *Oriental Poppies*, and *Daisies* 6 or 7 inches apart. The *Heucheras*, *Hypericums*, *Anthericums*, *Veronicas* and *Penstemons*, take a longer time to germinate so should be planted near each other and in the shadiest part of the bed in rows 4 or 5 inches apart.

I like to give my seedlings plenty of room in the seed bed and then I do not have to transplant until September or the following spring. Where one has a hose to turn on them they may be transplanted when small to their permanent quarters. But where one has to depend on rain and the watering can it is much safer



GAILLARDIA

and more convenient to leave them in the seed bed till fall or the next spring. It is very hard to raise some perennials from seed in a sunny spot. I had a small seed bed last year where the sun had a full sweep at it for about 3 hours during the heat of the day and in spite of my very



POPPIES

best efforts every one of the tiny plants got cooked, while I had no trouble with the shady bed and raised many fine plants in it. Be sure to put a tin board at the end of each row with the name of the plant on it. I plant a border of the *Iceland Poppies* along the edge of the bed. They come into bloom very quickly and it is such a pleasure to see them dainty, airy, graceful blossoms while caring

Fannie S. Heath,

R. 1, Grand Forks, N. D.

P. S. I never pay any attention to the Moon. The Moon is always right for me when planting time comes and the ground is in condition and I have the time to do the planting. My garden is certainly beautiful from early spring until the snow comes.

MAKING A CORNER.

The little lady with the square house seems to be very sorry that she hasn't a corner. Cheer up. Many of us believe it's easier to make a corner than to clean up and purify and make ready a neglected one. Perhaps you have a front door right in the middle of the house. Let's have an Arbor. Pieces of joist such as are used in building can be used and then painted to match the house color. Or if like myself you have to count your pennies just get six nice poles from the woods 10 or 12 feet long and as near alike as possible. Set two each side of the step near the house two or three feet apart. Set the other poles three in a row. Now if you have the material cover with wire netting or better still tack on smaller poles in a pretty pattern. Now plant each side with a hardy vine. I just love woodbine best of all. A variegated hop is good or a Kudzu vine or even a wild grape. You can even plant annuals like *Morning Glories* or *Scarlet Runner* or *Wild Cucumber*. Now you see you have two nice corners for ferns and woody things. Or on or near one end of house work out a big crescent shaped bed. The ends pointing away from the house. Set this out to what comes handy like *Sumac*, little *Evergreens*, an *Elm*, *Maple* or pretty *Birch*. Then up in the curve you may set a birdpool. A good tight barrel sawed off a few inches deep. Soak well until it swells. Then sink it even with the ground. Either sod the edges or put a border of pretty stones around it. Get a nice white rock for the middle of the pool. You can keep water fresh by overflowing each day and ferns and Jack's and such like will grow finely. You can add shrubs and bulbs and hardy plants to your crescent and can keep trees lopped off and cut back if you wish them dwarf. In a short time there will be little shady nooks for the shade lovers. Never mind a flat pocket book. There are plenty of beauties to be had merely for the digging.

B. N. N.

A SHADY CORNER.

BRAIDED RUGS.

TO BEGIN WITH this bed is not bright and gaudy, but Oh! so cool looking in the hot days of summer. The bed is 12 feet long by 8 feet wide. Shaded on the south and west by the house. About ft. to the east is a 15 year old crab apple tree. So all the sun it gets is the little



HARDY FERNS.

That filters through the Crab in early morning. Lillium Canadense makes a brave show at the back with four varieties of Thalictrum and Cimifuga Racemosa (snake root). These form a pretty background for Hardy Geranium or Crane's Bill as it is called, and for Hardy Ferns including Adiantum Pedatum (maiden's hair), Aspidium Acrostichoides (woods fern), Polystichum Bran-
 ciatum, P. Setosum and Scolopendrium officinarum (hart's tongue). In front of these and intermingled are Trilliums (wood's lily),



AQUILEGIA.

bed. All the edge is bordered with white, yellow and blue Hardy Violets. And then wherever there is space are these lovely things. Claytonia Virginica (spring beauty), Hepatica triloba (liver leaf), Erythronium (adder tongue lily), Dicentra Canadense (squirrel corn) (boys and girls Dutchman's Breeches) Sanguinea Canadense (blood root). The more than lovely Mertensia Virginica (Virginia cowslip) has its place. There is much of the trailing buttercup—single flowered—in this bed. It brightens up the place so cheerfully. On the west against a house wall where there is no window I have Ampelopsis Quinquifolia—the Virginia Creeper.

Elizabeth.

IN RE-READING the old copies of Park's Floral Magazine, as I am apt to do I came across some lines of verse the sentiment in which struck home for they were as a leaf from my own book of life.

My mother and I braided rugs together—some are on my floor now—and I never look at them that my mind does not go back to our country home and those winter days when Ma and I sorted, sewed, and braided the pieces—we never called them "rags."

She always arranged the colors and did the planning. Many of the pieces she had saved down through the years until the days of more leisure came and many are the stories I recall of the suits of "English Worsted" and "Scotch Plaid" worn by my father and other members of the family. That she told, as we worked. The last scraps of the plum-colored broadcloth—my father's wedding suit—were braided in, and my attention was called to the fine stitches, all sewn by hand, and the fineness of the cloth.

We made patchwork together, too; the pieces, like those for the rugs, dating far back; English prints brought by sea captains, friends of the family, soft all wool delaines, both in plain colors and figures, gaudy cotton and wool reps, gay plaids, and soft, gray alpacas. And the stories that went with these pieces, of the cut of the dress, the tea parties and balls they were worn to, etc., etc., delighted and entertained me many hours.

These patchwork puffs and quilts are like photographs to me. I recall one time when I was very ill, requiring the services of a trained nurse many weeks. When I was allowed to sit up in bed, the puff which covered me chanced to be one containing family dresses, aunts', cousins', etc., as well as our own. I began to tell the nurse, a sweet, bright young girl, about some of the pieces, but the look on her face quickly told me there was nothing in her life which answered to that, and furthermore, she appeared to think I was losing my balance mentally, so I talked of things in her world after that.

N. D. C. S.

The delightfully reminiscent mood in which "Braided Rugs" was written must have "struck home" to many who read the poem in the October last issue. The song of the worker in homely mosaic that made the old home glad is brought again to our ears. Those who read such lines and pass them lightly are the unfavored ones for whom there has been no mellowing hallowed hometic association. They have missed the best thing in life. For those who have known early experiences in the home comparable with those giving rise to the commemorative verse here referred to, the lines have a comfort and stirring value.—Editor.

ZINNIA CULTURE, POT MARIGOLD.

For an early crop may be started in pans. Very hardy annual and may be planted in ground as soon as soil can be worked. Make rich with fine manure. Seed should be covered $\frac{1}{4}$ inch deep. Soil pressed down on seed. Plants should stand 12 inches or more apart. Keep well hoed. Plant in beds or may be used as a hedge or border ornament. Pot Marigold makes a fine border for a bed of Zinnias. Plant seeds $\frac{1}{4}$ inch deep.



ZINNIA.

Plants should stand about 6 inches apart. Are also very desirable in pots. A bed of Marigold is always beautiful and regarded as Old Fashioned if planted on border of vegetable garden walks. Zinnias are fine set among Dahlias as are also Pot Marigolds. A very hardy annual. Plant Pot Marigold as soon as ground can be worked. Very hardy. Will bloom until after freezing weather.

Feeding Plants in the Window Garden

I wonder if my way of doing things floral, could by any chance be of help to some one else that is interested in a window full of thrifty plants? Of course plants are like people. You cannot treat them all alike, but on the other hand, in one respect we may say that like people all plants must eat to live.

There is no use of expecting a stunted, sickly looking plant to send forth blossoms for it stands to reason that it will not produce abundant bloom. To promote the sturdy growth of stem and leaf I use Nitrate of Soda, also common household ammonia. One tablespoon of Ammonia to each gallon of water. I use Nitrate once a month, the Ammonia not so often. When I think it is about time for them in season to attend strictly to the business of blooming, I start to feed them what my husband calls my "Plant Dope," which is home-made. I take a three gallon stoneware jar and break up raw bones as fine as I can, so that they will pack well, and then fill the jar to within two or three inches of the top, pour on a can of lye and fill to the top with water. This I allow to stand until

the bones are all eaten by the lye. I will be a jelly-like farful that will result. Take a tablespoonful of this to each gallon of water with which you are to water your plants. I use this plant food for the plants in my window garden once each month.

Mrs. L. C. Gauthier.

GROWING SEEDLINGS

Last season being a rainy one and late, I sowed seeds of Darwin Tulips, in Tulip beds, and now I have dozens of small Tulips. I also now on April 20th, have seedling Tulips in bloom from seed sown three years ago. Last November I planted five Pæony seeds and the last day of March I found one of them up and it is now a nice little plant. Last spring I planted a bed in perennial Lupins. They did not show up last season. Imagine my surprise and satisfaction this spring to find a dozen fine plants. I have one Day Lily so much larger than any other White Day Lily that it has ever been my experience to see. I saved a pod of seed and planted some of the seed in a pot with an Umbrella Plant. The moisture required by the Umbrella Plant must have been favorable for the germination and growth of the Day Lily for in a very short time, Tiny Day Lilies arrived by the dozen. I also have seedling Irises. I find Iris most interesting to grow and have fifteen or more varieties in my garden. My beds of Darwin Tulips are beginning to bloom. The very tall Darwins I find are later and for the next six weeks I will have a feast of bloom. With several colors of Perennial Poppies and thirty five clumps of Pæonies, a long bed of White Madonna Lily (*Lilium Candidum*) some fine Roses, Cacti, Perennials, and my Rock Garden I certainly have pleasing demands in my garden for the joyful use of every minute of my spare time. The death of Mrs. E. R. Murray was sad news for me. We had corresponded for several years. How we all will miss her helpful cheery letters.

Mrs. Geo. W Doty,

R. 3, Murphysboro, Ill.

Lilium Candidum.—I see you ask for experiences with *Lilium Candidum*, so I will give mine. Some eight or ten years ago I secured a three nosed bulb of *Lilium Candidum*. For several years it did not bloom and I finally found the trouble was rust or blight. I then dusted it thoroughly each spring with air slaked lime and sulphur putting it on dry when the leaves were wet with dew. Sometimes I make two or three applications before they bloom. I have fine success doing this. Last year they seemed to be smothered out by multiplying so, I dug them up in September and found a clump of bulbs nearly as large as a football. I shook them apart and set out quite a bed of them and gave away the rest. They made their fall growth all right and now are showing fine stocky sprouts which I think will bloom this year. The soil here is heavy stony loam where the Lilies are. It has been liberally treated with stable manure which has been mixed with the soil and it is also topdressed with stable manure every fall. In setting Lilies I surround the bulb with sand.

E. M. Pike. Apr. 20, 1920.

Waterbury Centre, Vt.

PERENNIALS AND BULBS.

For the busy housewife and mother who while she loves flowers has very little time to spare to care for them there is nothing like the Perennials. Once started they will grow and bloom. Year after year and with just a little care in the spring, they will improve with the years. With care in choosing them one can have flowers from early spring till frost. Bulbs too are easily planted and not much care. If you have never had a Tulip bed you don't know what joy you have missed.

Just listen to me busy housewife
Let me whisper in your ear,
Never be without some flowers
They will rest you and cheer you too.

Long the days and hard the burden,
That perhaps you have to bear
Go and rest among your flowers
You'll be glad that they are there.

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A LITTLE.

Give a little, live a little, try a little mirth;
Sing a little, bring a little happiness to earth;
Smile a little, while a little idleness away;
Care a little, share a little of your holiday;
Play a little, pray a little, be a little glad;
Rest a little, jest a little if the heart is sad;
Spend a little, send a little to another's door—
Give a little, love a little, love a little more.

—Dr. Henry Kelman.

THE DOUBLE PETUNIA.

For winter blooming in the house I keep plants in all summer. In a sunny open window they develop a good growth, and avoid the leaf change which would follow being "brought in." If an old plant cut way back. Use a small pot. Good sandy loam with a small amount of leaf mould. Say one-fourth. A great spoon of wood ashes or a teaspoon stirred well in soil. Give good drainage. Pinch back to avoid a long growth. Cut out weak branches and pick off poor leaves. Sprinkle once a week to keep clean. Pinch off all buds until October. Be careful not to over water. Just keep moist and quite dry at times. During winter, a little burnt bone, ground fine, wood ashes, or soot, may be stirred in soil. Manure or liquid manure often makes conditions favorable for soil maggots in Double Petunia. Look out for aphids. Give sun, small pot, water sparingly.

Bertha N. Norris.

PLANTS LONGEST KEPT BY READERS.

Mr. Editor: My oldest plant is a Christmas Cactus or Lobster Cactus. A neighbor presented me with the plant growing in a tomato can in the fall of 1906. In 1908 I repotted it—or would you say recanted it—in a one-half gallon sauce pan. In the spring of 1910 it was placed in a galvanized wash tub 20 inches across the top and 10½ inches deep. Each summer it was carried outside to remain until early fall when it is carried into the house and set near south window where it buds, blossoms, and delights all who see it. The Cactus is five feet across top and is eight and one-half feet around. It almost hides the tub and commences to bloom in December and continues to bloom until March. I then move it back from the window—let it rest without any water until warm enough to set it outside where it thrives and grows. Every flower lover should have one of these plants to cheer the cold days of winter. On cold nights I spread my apron or some old papers over it. I find it will stand quite a bit of cold without injury.—Effa M. Wilson, Rt. 4, Box 49, Verona, Mo.

Editor's Note.—The above interesting statement indicates what we may have from many readers concerning their long-time plant associates. Let us hear of many other old tub favorites.

BACK NUMBERS OF PARK'S FLORAL MAGAZINE.

With a view to gathering for personal use a complete file of Park's Floral Magazines from the very first issue down to 1917 the Editor will welcome correspondence from any readers who may be disposed to part with any of their volumes or duplicate issues for an exchange of plants, bulbs or seeds. It is realized that in general the old issues are prized souvenirs but in the great field of readers it may be possible to secure a goodly number of bound or unbound volumes or separate copies of past issues and from many sources thus make up a fairly complete library of Parkiana.

Lapark, Pa.

J. R. Eddy.

A GLORY WIGWAM.

Mark out a circle 6 or 8 feet across. I drive down little sticks a few inches apart, and with a nail driven in top of each stick I either tie stout string or twist a wire around all but about one-fourth or a little less of my circle. In center place a stout pole 10 or 12 feet high very securely. In the top drive a large nail. Now with a ball of good strong twine begin and string from circle to nail, at top of pole. Keep strings



PORTULACA.

about 6 inches apart at bottom and hitch to keep from slipping. The result will be a perfect string Wigwam with an opening to serve as a door. On the outside dig a good trench following your circle closely. Make fine and very rich. Now plant Common Morning Glory seed quite thickly. Cover one-half inches and press down the soil. When the plants appear, hoe them often and keep well watered. The Wigwam is a thing of beauty. A small flag may be placed at top and if you are so fortunate as to possess one of the old time three-legged iron kettles, hang from a tripod framed of three rustic sticks and plant with scarlet nasturtium. This makes an ideal Floral Camp Fire. A long hollow log filled with loam and planted to bright Portulaccas is a pleasing addition. You may possess a rustic corner with the outlay of a very few pennies.

Bertha N. Norris.

EXCHANGES.

Mrs. Wm. Zeigler, R. 1., Carlisle, Pa., has Dahlias and Gladioli in variety, Youth and Old Age Seeds, to exchange for Hardy Phlox, Coleus, Callas, house plants, etc. Write.

Mrs. G. W. Foster, Sulphur Springs, Tex., has Native Cacti, other plants and fancy work for rare Cactus house plants, hardy plants, Canary birds. Write.

W. E. Showalter, Oakton, Va., has St. Regis ever bearing raspberry 6 kinds, red currants, Japanese Walnut 2 year trees, for Paeonies, Roses, Chrysanthemum and House Plants. Write.

Mrs. H. C. Thomas, Foraker, Okla., has Native Cacti and Staphelia for other Cacti and House Plants Write.

Mrs. M. L. Coe, Eastonlee, Ga., has Lady Thompson and Klondike Straw berry plants for quilt pieces and end material for my rugs. Write.

Mrs. Frances Barrick, Johnson, W. Va., has wild flower roots, and seeds for pretty wildlings of other states especially Wild Iris and Lillies and Red Bells of Oregon. Write.

Mrs. J. C. Swain, 1021 Leon St. Shreveport, La., has large flowering pink and also white Chrysanthemum plants, Red Single Cannabulbs, and Violets for Hyacinth, Rooted Geraniums, Tulips and Iris. Write.

Mrs. F. W. Seckinger, Mc Coy, Texas, has Tree Cactus, two kinds of Elgerida and Other Shrub seeds for House Plants. Write.



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31x3½6.75	1.85	35x½11.00	3.15
32x3½7.00	2.00	36x½11.50	3.40
31x48.00	2.25	35x512.50	3.50
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Woodland Rabbitary, LaPark, Pa.

CHILDREN'S CORNER.

Dear Editor; I have always read the letters that are written to you from boys and girls all over the country but as yet I have never seen a word written about the Girl's Scout Organization which means so much to me. Here in Peru we have a branch of the Girl's Scouts also a branch of the Boy Scouts. We have club rooms where we meet and have a meeting every Tuesday afternoon. We started our troop one year ago this spring with nine girls, a Captain and a Lieutenant and now have four patrols or thirty six girls. We have one of the dearest girls for a Captain. She has great discipline and such a winning way. There is not one girl in the troop that would not do anything in their power for her.

Last summer we camped for two weeks on the shores of Lake Champlain. Miss Fuller was a great Captain and companion. We all passed the tenderfoot test and received our pins which we all dearly love. I am in the first patrol (the patrols are taken according to height, but don't think I am a giant) which is called the Whip-poor-Will. Our patrol colors are gold and green and our motto is "If you can't say anything good, don't say anything at all".

Miss. Esther Provost.

Box 198, Peru, N. Y.

Editor's note: Wonder how many boy and girl scouts we have in our reading roll? I wish that every boy in the country eligible for membership would become a Boy Scout and that every girl would become a member of the Girl Scouts or of the Camp Fire Girls. I am desirous of hearing from boys and girls about their open air concerns. Perhaps it will interest the boys to know that all during the war the Editor's special interest was to bring the special scouting talent of the American Indians to the attention of those concerned with front line intelligence. For many years the Editor was actively engaged superintending Indian Affairs on one of the reservations in the West and came to know the wonderful scouting ability of the Red Man. The fine work of the American Indians in France was recognized. Get the scouting habit boys and girls. It is not only good fun to join scout organizations but it brings out the best that is in each member. Let your letters ring with an out of door spirit!

A SPRING MUSICAL.

An invitation came to me
That Peter Frog wished me to see.
The frogs would give a concert gay
Some quiet night in early May.
And I was glad enough to go
Down where the water-lilies grow.
The frogs were dressed in pale green silk
With throats as fair as whitest milk.
I never saw their eyes so bright
As when they greeted me that night.
They sung and danced upon the logs
Until they woke the polliwogs.
And Peter played upon his horn
Until the first grey streaks of morn,
And on his drum another beat
Accompanying the music sweet.
Another played the fiddle fine
Until I wished his art was mine.
They sung a quartette and duo
A chorus rich and bass solo.
They sung in voices full and deep
Until the dawn began to peep,
I noticed then their sleepy eyes
Were turning toward the bright sunrise.
And as I was their only guest
I thought to go would now be best.
And as I made my last farewell
The frogs all went to bed pell-mell.

A. M. Aiken, Altoona, Pa.

THE TRAVELS OF MORTIMER BROWN.

This is the story of Mortimer Brown, Who went for his mother some errands in town, Who was told he must come back as quick as he could, And as earnestly promised his mother he would. He went down the front steps, full three at a time, And swung on the gate, for the swinging was prime.

He teetered on all the loose boards in the walk, And met Jimmy Brady and sat down to talk; He climbed up the trunk of a big tree that stands Not so far from his home, and he swung with both hands. He passed the cow pasture and stopped for a stroll, Climbed the fence and turned twice on the very top pole.

Then he turned a few handsprings all through the long grass, And sat on the fence to watch Peter Bates pass With a big flock of sheep, and he got himself chased By the biggest black ram, and he fell in his haste Down the bank of the brook, and he sat there about Half an hour in the sun, till his clothes were dried out. He laid off his coat, since the day was so hot, And chose a bypath through the strawberry plot;

He gathered some berries to eat on his way, Till alarmed by the watch-dog's deep, ominous bay. Then he followed a rabbit as far as he could, Until it was lost in the depth of a wood, And marked a bee-tree so to find it again, When he and Jim Brady should visit Beech Glen. So tired then he was that he sat down to rest, And fell sound asleep, with his coat and his vest

Spread under his head; when the rumble of wheels On the road waked him up, and he saw Elmer Beals Driving by in the lane, and he climbed up beside On a big load of squashes and had a fine ride, And helped lead the horses to water as soon As they both reached the town in the late afternoon. And then, oh, alas! The long list mother wrote Of the things he should get had dropped out of his coat. So he bought some stick candy and cookies—he knew

Of the things she would need they must surely be two, And munching them sadly the whole of the way Back homeward, he wondered what mother would say. I wonder if ever, in country or town, You have known such a lad as this Mortimer Brown?

—J. W. Foley.

REMEDY FOR VINE EATING BUGS

Crush Moth balls. Sprinkle in Cucumber, Melon and Squash hills between the seeds. I have tried it for five years and no bugs came near. Another tried and true remedy is the following. Put a tablespoonful of Liquid Ammonia in 4 quarts of water and sprinkle the vines with a whisk broom. The big black squash beetles will come out and can be easily caught and killed. Lydia Brion, Okome, Pa., Box 7.

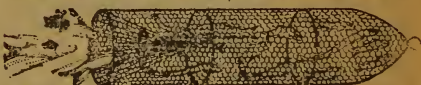
RECIPE FOR GRAY HAIR.

To half pint of water add 1 oz. Bay Rum, a small box of Barbo Compound, and 1/2 oz. of glycerine. Any druggist can put this up or you can mix it at home at very little cost. Full directions for making and use come with each box of Barbo Compound. It will gradually darken streaked, faded gray hair, and make it soft and glossy. It will not color the scalp, is not sticky or greasy, and does not soil. Adv.

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FLORAL FRIENDS CORNER.

Dear Friends and Floral Lovers:—It is a far cry from, Pennsylvania to Illinois (my state) but living far afield does not detract from my interest in the "Corner". I agree with Antone Soares when he says that his "garden must be enclosed" but if one could fence out the devastating insects it would be satisfying to the soul. Each year black beetles infest my Liliun Candidum, the flower which tradition says is the true Lily of the Bible. I allow the bulbs to remain undisturbed for a number of years and each spring new bulbs send up fresh flower stalks. There must be an insecticide to vanquish beetles and for many years I have

"sought it sorrowing" but with Azalea for the "Captain of our host" I am hoping for helpful suggestions from the "Corner". As this seems to be a nook for miscellaneous items, I shall step for a moment from the floral kingdom into the shades of the political arena to reveal a secret, but fearing the Editorial frown and also the waste basket, I shall impart it in a whisper.— I have cast a straw vote and am swinging my garden bonnet for—

Poppy.

Here comes Bouncing Betty: or is it Perennial Phlox, really I cannot say but surely there must be a welcome for our dear old drought resisting friend. Be it rain or sunshine it is

New Hair Growth After BALDNESS

On legal affidavit, John Hart Brittain, business man, certified to this: "My head at the top and back was absolutely bald. The scalp was shiny. An expert said that he thought the hair roots were extinct, and there was no hope of my ever having a new hair growth.

"Yet now, at an age over 66, I have a luxuriant growth of soft, strong, lustrous hair! No trace of baldness. The pictures shown here are from my photographs." Mr. Brittain certified further:

Indian's Secret of Hair Growth

"At a time when I had become discouraged at trying various hair lotions, tonics, specialists' treatments, etc., I came across, in my travels, a Cherokee Indian 'medicine man' who had an elixir that he asseverated would grow my hair. Although I had but little faith, I gave it a trial. To my amazement a light fuzz soon appeared. It developed, day by day, into a healthy growth, and ere long my hair was as prolific as in my youthful days.

"That I was astonished and happy is expressing my state of mind mildly. Obviously, the hair roots had not been dead, but were dormant in the scalp, awaiting the fertilizing potency of the mysterious pomade.

"I negotiated for and came into possession of the principle for preparing this mysterious elixir, now called Kotalko, and later had the recipe put into practical form by a chemist.

Photo when bald.

"That my own hair growth was permanent has been amply proved—many men and women, also children have reported satisfactory results from Kotalko."



After hair growth.



How YOU May Grow YOUR Hair

It has been proved in very many cases that hair roots did not die even when the hair fell out through dandruff, fever, alopecia areata or certain other hair or scalp disorders. Miss A. D. Otto reports: "About 8 years ago my hair began to fall out until my scalp in spots was almost entirely bald. I

used everything that was recommended but was always disappointed until at last I came across Kotalko. My bald spots are being covered now; the growth is already about three inches." G. W. Mitchell reports "I had spots completely bald, over which hair is now growing since I used Kotalko." Mrs. Matilda Maxwell reports: "The whole front of my head was as bald as the palm of my hand for about 15 years. Since using Kotalko, hair is growing all over the place that was bald." H. L. Benhook reports: "For a dozen years,

or nearly, I had a bald spot, which Kotalko is now covering with healthy hair. The new hair is softer and finer, too." Many more splendid reports from satisfied users.

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John Hart Brittain, Inc., BB-406 Station F, New York, N. Y.

just the same, never a word of complaint utters she. But from spring until fall she always smiles, and lifts her pretty pink face to every passer by. Now and then getting across the boundary line of her allotted space; but she and Rosemary get along fine side by side as good neighbors should, ready to nod a welcome to Sweet Basil as he shows up in his pretty suit of green trimmed with purple. Now where can be Arte-Mesia? He must not be overlooked for his presence is much needed at the garden party that is to be held very soon.

June Rose.

Editor's Note:—Everyone is invited to join the garden party.

Regarding the Shamrock will say this—having had the true and false both—that I do not regard the Shamrock as a species of Oxalis. As I understand it, the Shamrock is a species of clover. Really it resembles Sheep Sorrel more than Oxalis, as it is not bulbous.

Shamrock.

I love my mountain home
Where rugged peaks reach high
Into the blue and far above
The white clouds sailing by.

I love my mountain trees,
The Cedar—Fir—and Pine
The winter's chilly blasts may come
Their beauty still is mine.

I love the mountain streams—
Rocks glistening in the sun—
With here and there a shady pool
Where speckled trout do run.

I love my mountain friends
Rising early in the day—
Hear the Chipmunk as he chatters
Hear the Pheasant and the Jay.

Then let me live always
Where God's handiwork is seen.
In the wondrous beauty He has wrought
In the mountains evergreen.

Mountain Laurel.

Azalea's idea of a "Corner" is fine, but per haps more than one may choose the same name. Perhaps our Editor will suggest a plan. I want to thank everyone that has written letters for the Magazine. It is like a "chain of many links". Every new friend if a link added to make our chain stronger.

Bittersweet.

Editor's note: Azalea's idea is of the class that are of Popsy like derivation. It will just naturally grow. I suppose that the first corner to the "Corner" has priority rights in the "Nom de Bloom" that accompanies the note of introduction. Doubtless the Floral Friend entering the Corner will always care to reappear in the garland under the colors of the floral standard first unfurled. What Bittersweet has said of a "chain of many links" expresses the sentiment of many thousands of readers. There is always room for an additional link. They will be welcomed from every nook and corner.

Well Azalea, I rather guess I need the tea straight and strong. Do not think I have need for enlarged millinery but really think Laurel left those toasts for me. Now I will leave it to one Massachusetts born to take the name Arbutus. I am only an adopted child. Everybody now set up and listen. I am a "down homer" from the Pine Tree State. I root for Mass., fine highways, except when covered with Tarvia—for her lightingsystem and her Laurel thickets. But, Maine—dear old Pine Tree State—how my fond heart yearns, once again to roam beneath those woods and tangled ferns.

In fancy I can hear the wild bird's sweet refrain Bringing Memories of Home Sweet Home Beneath those Pines in Maine. Pine Cone and Tassel.

AGENTS

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MISCELLANEOUS

A Clean body internally means health. Eager Internal bath appliance (used with your hot water bag) is the natural method of treating common disorders resulting from intestinal diseases. Send stamp for booklet. Jas. F. Eager, 737 Washington Ave, Bklyn, N. Y.

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Money In Grain!—\$25 invested in grain stocks or cotton on our plan gives opportunity to make \$250; no further risk; market active; act quick. Merchants Brokerage Co., 901 Dwight Bldg., Kansas City, Mo.

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"HOW TO WIN" is the story you can get by addressing postcard to Abner Davis, Ft. Worth, Texas.

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Song-writers' Manual & Guide Sent Free! Contains valuable instructions and advice. Submit song-poems for examination. We will furnish music, copyright and facilitate publication or sale. Knickerbocker Studios, 513 Gaiety Bldg., New York.

You write the words for a song We'll compose the music free and publish same. Send Song Poem today O. Lenox Co., 101 West 42nd St., New York.

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32x3½	8.00	2.20	35x4½	11.50	2.90
31x4	9.00	2.40	36x4½	12.00	3.00
32x4	9.25	2.45	35x5	12.75	3.20
33x4	9.50	2.50	37x5	13.25	3.30

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Practical Auto School, Box B. Soudersburg, Pa.



FLORISTS IN FRANCE NET BIG PROFITS.

VIOLET CULTURE in this country has received serious setbacks in the past few years by reason of the coal shortage, combined with unusually severe winters, but French florists seem to have discovered the secret of raising these blue-eyed harbingers of spring despite these same handicaps.

Even when facing a fuel shortage almost chronic, and handicapped always by the paralysis of the glass industries throughout France which must continue until the dismantled factories are rebuilt, the florists have undauntedly pursued their vocations. This year the Paris boulevards have blossomed with a wealth of color and fragrance reminiscent of the gay ante-bellum days.

The flower car, trundled through the fashionable and most frequented streets, is the preferred method of putting the florist's merchandise on sale in French cities and towns. Carnations, Roses, Lilacs, Violets and Gardenias are the favorites overseas, as in America, and now that France is finding herself again, the little shop girls are once more among the florists' patrons, for the Gallic love of beauty is not confined to any class, and the French woman, no matter how humble her station, regards the posy as a necessary adjunct to her new toilette, even though every stitch of it has been set by her own hands in material made over a half dozen times. Everyone patronizes the florist in La Belle France.

Scarcely any other country under the sun, therefore, derives so large a profit from horticulture. Whole districts are given over to the cultivation of a particular flower, notably in the case of Perigny, sixteen miles south of Paris on the Yerres River, where within sight of historic Fontainebleau Forest and the old palace built by Francis I, a whole village is entirely given to Rose culture.



The American Red Cross has found a way to combine economy with health conservation by establishing there a colony of orphans from the invaded districts. As these emaciated little waifs renew health and strength in the sweet country air of the beautiful valley, they lend their services to the gardeners in the healthful occupation of tending the flowers. Even the war failed to destroy the Rose industry of Perigny, the women and the old men carrying on the work when the young men took up arms for their country, and today the Roses of Perigny are fast regaining their pristine glories, as queens of the Paris flower markets.

EXCHANGE

Mrs. W. J. Lynch, Reinbeck, Iowa, R. 1, Bx 20, has a variety of plants to exchange for Amaryllis. Write.

Mrs. M. E. Carpenter, Humble, Tex., has Canas, Chrysanthemums and Vincas, for Geraniums, Lilies, Iris, Chrysanthemums, Roses and Gladioli. Write.

CALLED HOME

Like as a ship her voyage o'er,
That safely has reached port
So one by one our loved ones go,
To join God's Heavenly Court.

We grieve not, as those without hope,
And feel we are not blest,
Because our Lord has chosen that
They first should win their rest.

This change is but as if they passed
Into an inner room,
A living soul was never yet
Held prisoner in a tomb.

In that fair land called Paradise
Released from care and pain,
Our Saviour has prepared a home,
Where we shall meet again.

There is no death, our sojourn here,
But fits us to lay down
This earthly tenement of clay,
To gain a golden crown.

We know our loved ones are not dead,
But just beyond the tomb;
They've put on immortality,
Our Lord has called them home.

Eva Wendell Smith

Editor's Note: The above lines by Mrs. Eva Wendell Smith, a life long friend and admirer of Mrs. E. B. Murray whose passing was announced in the March number are an appreciation of the worth and esteem in which the character of Mrs. Murray was held by the great number of friends who have been influenced by her beneficent activities.

IN MEMORIAM. Mrs. C. R. Murray.

A tide of tender memories touching the deepest chords of my heart rush over me as I hear of the passing to the great beyond of our Floral Friend, Mrs. C. B. Murray. Today while our tears fall fast, let us remember that death is but a covered way, and the shadows will soon fall apart, revealing the sunset rays, and "at evening time there will be light". When we have all "Crossed the Bar" and seen "our Pilot face to face" may we meet dear Mrs. Murray among all our loved ones who have gone before, in the house made with hands, eternal, in the heavens. I have a beautiful bed of Tulips that Mrs. Murray sent to me about four years ago. I have missed her interesting letters in the Magazine. What has become of our sister "Ima". I certainly enjoyed her letters. Why not have a family reunion, lets hear from all the floral friends that wrote such nice letters a few years ago.

Florally Ray.

SOME UNCOMMON TRAILERS

Nepeta Glechoma is a new hardy variegated, green and white variety. It has a very sweet minty fragrance. Just put in good soil. It will grow either in sun or shade.

Mexican Primrose if given a sunny window will cover itself with a sheen of Pink Glory.

The Weeping Lantana is very graceful in a bracket pot. Its pretty graceful sweet scented lilac blossoms just cover the plant. No special culture need be given.

Quaintest of all trailers and oddest is the little water plant known as Parrot's Feather. It's a lovely mossy plant with long trailing stems of the prettiest green feathers. It grows best in a pretty glass dish with water over the top of the soil. It will not stand drying out.

B. N. N.

DEEP PLANTING.

I set a man out planting my Gladiolus Bulbs. When they were all in I found he planted them from 4 to 6 inches deep. I expected they would come up in China instead of the United States. They all grew and with such strong stout stems that I never had to tie one to a stake. They were planted in sandy loam. It might not do on heavy wet soil. My own experience is that large seeds and bulbs will stand deeper planting than is ordinarily the practice on light dry soil.

Is Your Blood Starving For Want of Iron?

Iron is Red-Blood Food—Nuxated Iron Helps
Put Roses Into the Cheeks of Womankind
Gives Strength and Energy to Men

If you were to go without eating until you became weak, thin and emaciated, you could not do a more serious harm to yourself that when you let your blood literally starve for want of iron—iron that gives it strength and power to change food into living tissue, muscle and brain. Without plenty of iron in the blood, no matter how much or what you eat, your food simply passes through you without doing you any good—you don't get the strength out of it and instead of being filled with youth-strength and energy you are weak, nervous and all run-down. If you are not strong or well you owe it to yourself to make the following test: See how long you can walk, or how far you can walk without becoming tired. Next take two five-grain tablets of ordinary Nuxated Iron three times per day after meals for two weeks, then test your strength again and see how much you have gained. Numbers of nervous, run-down people who were ailing all the while have most astonishingly increased their strength and endurance simply by taking iron in the proper form. But don't take the old kinds of iron simply to save a few cents. You must take iron in a form that can be easily absorbed and assimilated like Nuxated Iron if you want it to do you any good, otherwise it may prove worse than useless. You can procure Nuxated Iron from your druggist on an absolute guarantee of satisfaction or your money will be refunded.

BECOME A NURSE

EARN \$18 TO \$30 WEEKLY



Train yourself at home during spare moments. Any intelligent woman between 18 and 60 can easily learn this noble profession and become a successful nurse. 500 pages, bound in cloth, telling how to make surgical dressings, bandages, take temperature, care for patients, give baths, change bed-clothes without annoying patient etc. New method, by Lee H. Smith, M. D. Complete course, only 50 cents. Send for it to-day. Fully illustrated. Money back if not satisfied. World's Medical Press, No. 640 Washington Street, Buffalo, N. Y.

Goitre

Cured at home; worst cases. No pain. No cost if it fails. Successfully used for 15 years. Write for Free Book and testimonials. GOITRE COMPANY 475 West 63rd St., Chicago.

PLANTING TIME.

Planting time! Planting time!

Best of all the year.
April skies like baby eyes
Often drop a tear.
Mellow soil for tiny seeds,
No sign yet of ugly weeds,
Happy, hopeful planting time,
Tender spring is here.

Sow a smile in planting time.
Sweeter than a flower;
Loving deeds like little seeds
Have a magic power.

More smiles then will grow for you
Blessings will your pathway strew,
What you sow in planting time
Returns in generous dower.

Planting time! Planting time!
Hearts like gardens grow;
Childhood's season with good reason
Is the time to sow:
Keep out stinging nettles bad,
Or you'll reap a harvest sad;
Seeds of love in planting time
Make Heaven here below.

East Thompson, Conn. Edith Porter Kimball.

ROSE CUTTING—SHRUB CUTTING.

I wonder how many people know that cuttings of Roses and of many shrubs can be readily rooted by sticking them in the ground in a half shady place in the garden and covering with a fruit jar. I have rooted twenty-two out of twenty-four Roses in this way and many of the finer shrubs.

Mrs. C. H. Hummel, Hammond, Pa.

CANNAS

I have set Cannas near the well where there was a depression in the ground and have kept the tubers continually under water and they would grow as tall as a man and such a beautiful sight they were, in their full foliage and bloom. In the fall after the tops froze down I take the tubers up whole and as carefully as I can without breaking them. Then put them in the cellar with what soil will adhere to the roots, then in the spring set them back just as they were in the fall and have another summer's beauty show. This can be done year after year and they will lose none of their beauty.—Mrs. M. L. McCabe, Burley, Idaho.

Heartburn, Belching, Indigestion, Food Repeating and Nearly All Kinds of Bodily Miseries

The first sign of stomach misery usually comes after over-eating. The doctors call it "superacidity". The people say—"sour stomach".

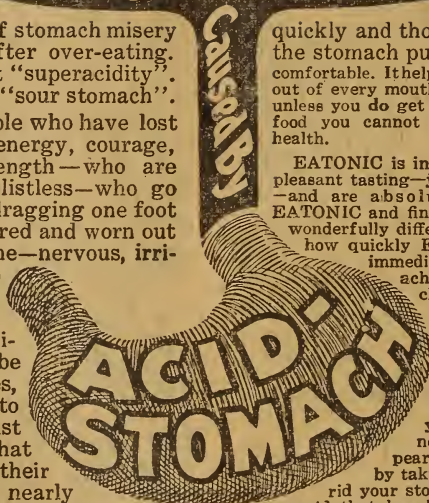
Millions of people who have lost their ambition, energy, courage, vitality and strength—who are weak, pale and listless—who go through life just dragging one foot after another—tired and worn out nearly all the time—nervous, irritable, subject to severe headache, insomnia, and a long train of physical ills—would be surprised, yes, dumbfounded, to learn that it is just an acid-stomach that is causing them all their misery. Yet in nearly nine cases out of ten that is just where the trouble starts.

Now a sour, acid-stomach, or "superacidity", of course, simply means too much acid in the stomach. You can now quickly rid your stomach of its excess acid. A wonderful modern remedy called EATONIC literally wipes it out. It does the work easily,

quickly and thoroughly. It makes the stomach pure, sweet, cool and comfortable. It helps you to get full strength out of every mouthful of food you eat; and unless you do get full strength from your food you cannot enjoy robust, vigorous health.

EATONIC is in tablet form. They are pleasant tasting—just like a bit of candy—and are absolutely harmless. Take EATONIC and find out for yourself how wonderfully different you will feel. See how quickly EATONIC banishes the immediate effects of acid-stomach—bloat, heartburn, belching, food repeating, indigestion, etc. See, too, how quickly your general health improves—how much you relish your food—how much more easily your food is digested—how soundly you sleep—how nervousness and irritability disappear. And all simply because, by taking EATONIC, you have rid your stomach of a lot of excess acid that has been holding back and making your life miserable.

So get a big box of EATONIC from your druggist today. He is authorized to guarantee EATONIC to please you and you can trust him to make this guarantee good. If EATONIC fails in any way, take it back—he will refund your money. If he does not keep EATONIC write to us direct and we will send you a big 50c box and you can send us the 50c after you receive it. Address H. L. Kramer, President, Eaton Remedies Co., 1076-A Wabash Avenue, Chicago.



Candy

T. Y. L. I. N. S. C. A. C. J. S.

THE BRIDE'S PLAN

A fair little bride began to keep house
In a flat both cosy and neat.
Her things were bran new; she took greatest pride
In keeping them clean and sweet.

One unpleasant task disturbed all her peace
And threatened to drive it away.
This secret I'll tell "the bride could not bear
To wash dishes three times a day."

She thought of a plan which conquered the foe,
And made the work almost like fun.
She sang as she washed! and washed as she sang!
Then quickly her dishes were done.

If you have a task you dislike to do,
Please try this little bride's plan.
Don't dread it at all but start in to sing
As loudly as ever you can.

Eva Wendell Smith,

41 Parkwood Blvd. Schenectady N. Y.

REMEDY FOR BLACK FLY AND WHITE WORM.

Dear Editor: For many years have been an appreciative reader of Park's Magazine and am especially pleased with its present form.

A remedy for the black fly and its larva the white worm is often inquired for. I have found this unfailing: Once in two weeks or once a month add household ammonia in proportion of one teaspoonful to one quart of water and soak the soil well. The ammonia is also an excellent fertilizer, supplying nitrogen.

Mrs. W. J. Church, R. 1, Roulette, Pa.

TO KEEP MOLES FROM DESTROYING TULIPS AND OTHER BULBS.

One year I received a number of nice Tulip bulbs, dug and made a nice bed for them and expected great results. Lo and behold when spring came I waited in vain for my bulbs to come up. Well I went and dug where they ought to be and I found that a mole had been there and destroyed them all. Well I didn't give up, I sent for some more bulbs and I made a V shaped trench, took used screen wire, cut it in strips about 12 inches wide, pressed it down in the trench, then put some dirt in and next put the bulbs in and covered them bringing the wire up well on the side, pressing it down good. I had no more trouble with moles and I have followed this plan ever since whenever there was danger of moles.

Sarah Fink, Darlington, Indiana.

BEGONIA EVANSONIA.

I am wondering if there is anyone having this Tuberos Rooted Begonia? It has pink bloom which stands up well above the foliage and little bulblets come out along the stem from where the limbs of the plant branch out. I can remember when as a girl over forty years ago the plant was called the Beef Steak Geranium. Would like to correspond with any readers having the plant.

Sarah Fink.

CHANGING COLORS IN HIBISCUS

When first planted out my Crimson Eye Hibiscus was a deep pink with a very dark crimson eye. The soil was wet, heavy and sour. It grew very strong and large both in leaf and flower. It bloomed late in September. It was moved to its present home on light sandy loam. It is smaller in flower and growth, the flower is a light pink and the eye is not nearly as dark. Two years ago I gave away a clump. Its new home is less than five miles from here, on heavy wet soil. It is larger than mine and many shades darker. I believe the color changes are due to soil conditions.—B. N. N.

Deafness



Perfect hearing is now being restored in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunken Drums, Thickened Drums, Roaring and Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc.

Wilson Common-Sense Ear Drums

"Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking or defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ears where they are invisible. Soft, safe and comfortable.

Write today for our 168 page FREE book on DEAFNESS, giving you full particulars and testimonials.

WILSON EAR DRUM CO., Incorporated
747 Inter-Southern Bldg. LOUISVILLE, KY.

Cured His RUPTURE

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, Carpenter, 728 F Marcellus Avenue, Manassas, N. J. Better cut out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and anger of an operation.

BOILS OR PIMPLES

Indiamain

Not a Salve or Lotion

A Maine Indian Remedy Which BANISHES THEM FOREVER

Stuart, Nebraska, Jan. 9, 1920.

James W. Greely, Portland, Maine.

Dear Sir

For Eight Years I suffered with pimples on my face. I consulted three specialists and spent large sums of money on medicines and lotions, without results.

"INDIAMAIN" has done for me in three weeks what everything else failed to do.

My face is clear of pimples for the first time in eight years, thanks to you and "Indiamain."

Sincerely, -Magdalen Bern.

At Dealers \$1.00, or sent postpaid on receipt of price. A Trial Sample sent for 12c. to cover cost of ad and mailing.

JAMES W. GREELY, Portland, Maine

LADIES

ZEDEX is the only remedy known that safely relieves in 24 hours. Money back if fails. Prepaid \$2.00.
THE GREGORY-CALDWELL CO., 1431A Masonic Temple, Chicago, Ill

ASTHMA

TREATMENT sent you on Free Trial. If it cures, send \$1.00; if not, it's FREE. Give express office. Write for your treatment today. W. R. Stephane, 281 Ohio Ave., Sidney, Ohio

CANCER

& TUMORS CURED. NO KNIFE OR PAIN. All work guaranteed. Free Book. MINNEAPOLIS. Dr. Williams' Sanatorium

PICK THEM OUT

20 Plants, \$2.00: 9 Plants, \$1.00: 4 Plants, 50 cents: 1 Plant, 15 cents. Postpaid

I OFFER a splendid collection of Choice Plants, Shrubs and Trees this month. Take your choice, they are fine, well-rooted, healthy, growing plants, ready to be potted for the house, or set out in the garden, according to your own selection. LaPark became famous years ago for its "Pick-Them-Out" list of growing plants, and had customers all over the country. I have decided to carry on this List, with even better plants, and at lower prices than you can buy anywhere else in the country. **I guarantee safe delivery.** This list will be increased or decreased, and changed, according to the season. I pack in dampened moss most carefully, and in every case pay the postage, except on \$5.00 orders which must go by express, receiver to pay express charges. If you wish me to help in the selection just tell me where you want to grow them, I will gladly pick them out for you.

Be sure to Address **ALL** Orders from This List to

GROVER C. SCOTT

LAPARK, Lancaster Co., Pa.

NOTE, Mr. Geo. W. Park, former owner of Park's Floral Magazine, says in a letter dated July 26th, 1919, "To Whom it may concern:—This is to testify that Mr. Grover C. Scott, was for a number of years, until I disposed of my establishment, foreman of my range of plant houses, and I can recommend him as a skillful florist".

Window Plants

Abutilon in variety

Achyranthus, Besteri Mo-
slaca, Light green and
dark red variegated fol-
liage

Beardii, Broad pointed
leaf of purple-crimson

Emersonii, Purple red
Gibsonii, Pointed green
leaf with yellow marks

Lindenii, dark purple,
narrow pointed leaves

McNalley, Round, broad
green striped yellow

Agathaea Monstrosa, Blue
Ageratum, Dwarf, blue
Alternanthera, Seiboldii,
yellow

Jewell, Rich carmine
Versicolor, chocolate,
crimson and green

Alyssum, Sweet, Little
Gem, Single white
Double white

Amomum Cardamomum
Handsome, delicious-
ly-scented foliage
plant of easy culture

Antirrhinum (Snapdrag-
on) Keystone Pink.
Golden Beauty

Dwarf Pink
Dwarf Striped
Auroro
Mixed

Note, New, large-flowered,
delicate pink variety.
Will bloom freely dur-
ing summer or winter,
in pots or beds

Asparagus Sprengeri
Plumosa Nanus



Aster, Pink

White
Blue
Purple

Begonia Semperflorens
Fuchsoides

Buddleia
Cactus, mixed
Campylobotrys Regia
Cestrum Parquii

Chrysanthemum, Large-

flowering, Unaka pink
Major Bonifon, yellow
Golden Glow, Bright
yellow

Marigold, Extra Large,
Dark yellow
Smith's Advance, Pure
white

Seiderwitz, Pink
Coleus, Beckwith Gem
Eldorado

Fire Brand
Golden Bedder
Lord Palmerston
Queen Victoria

Rob Roy
Sensation
Verschoffelt
Trailing Queen

Cosmos, Pink
White
Cuphea Nicarpetra
Platycentra,

Note, P. This free and
everblooming in pots
or beds in summer,
blooms well in winter
in the house.

Daisy, Marguerite, Single
white

Sanderi, Double white
Delphinium, Blue
Eranthemum Pulchellum

Eupatorium Serrulatum
Riparium
Ficus Repens. A lovely
creeper, attaches to
and covers walls in
the South

Fuchsia, Black Prince
Little Prince
Gottinger
Speciosa

Duchess of Albany
Elm City
Geraniums, Zonale, In va-
riety

Geranium, Scented-leaf'd
Guava, Common
Habrothamnus Elegans

Heterocentron Album
Ice Plant
Impatiens, in variety

Ivy, Irish or Parlor.
Note, Grows in deep shade
and is a good vine of
festoon a room, or to
cover a wall that is al-
ways hidden from the
sun, Of rapid growth.

Jacobinia Coccinea
Jasmine Beeslanum
Revolutum

Lantana, in variety
Libonia Penrhosiensis
Lopesia Rosea

Moon Vine, Blue
White

Muehlenbeckia Repens.
Note, Exquisite little vine
for a pot trellis, easily
grown and exceeding-
ly graceful. Also fine,
for bracket-pot, or
basket

Pilea, Artillery Plant
Ruella Formosa
Salvia Splendens
Bonfire

Zurich
Sansevieria Zeylanica
Saxifraga Sarmatosa

Solanum Grandiflorum
Strobilanthes Anisophylus
Dyerianus, Metallic red

Swainsonia alba, Rosea
Tradescantia, Multicolor
Green and white

Water Hyacinth

Hardy Plants



Ægopodium Podagaria.
Note, Fine, dwarf edging
plant, perfectly hardy,
with graceful, dense
foliage, light green
with a distinct white
border. Easily grown

Aster, Hardy, Mixed
Baptisia Australis
Bellis Daisy Red

White
Campanula Rose
Striped

Cassia Marilandica
Cinnamon Vine
Clematis Paniculata

Cereopsis Lanceolata
Fragaria Indica
Hepatica Triloba

Hibiscus, Crimson Eye
Note, This bears immense
showy flowers in huge
clusters. Grows 6 to 8
feet high, blooms free-

ly in autumn.
Hollyhock Mixed
Iris, Kamferi

Aoigata, Single, white,
purpl, striped upper
petals violet

Aragai, Double, vel-
vet blue, center yell'w
Gekka-no-Nami, Large-
flowers, double white

Kuro-Kumo, Dwarf, dou-
ble, large-flowering,
blue, center yellow

Shigu-no-Uranami, dou-
ble, blue, veined white
Suren, double, violet-
blue, white center

Zama-no-mori, double,
violet-red margins
Liberty, Mixed
Siberica, Mixed

Lamium Maculatum pink
Malva Moschata Pink
White

Linum Perene, Mixed
Monarda Didyma
Pansy, Mixed

Petunia, single



Pinks, hardy mixed
White

Pokeberry, Phytolacca
Polygonum cuspidatum
Poppy, Royal scarlet

Primula officinalis, yellow
Rudbeckia Purpurea
Sweet Rocket, Tall, White

Tall, Purple
Sage, Broad-leaved
Salvia Præstensis, blue

Sedum, for banks
Spirea, Queen Alexandra
Note, A foot high, bear-
ing elegant pink flow-
ers, beautiful herba-
ceous garden plant,
forces well in pots

Star of Bethlehem

I can supply these plants, large size, Postpaid at prices given: Bosten Fern, 50 cts, each, Whitmani 50 cts each, Scotti 50 cts, each, Rex Begonia 35 cts, each, Hydrangea Hortensis 35 cts, each, Farfugium or Leopard Plant 50 cts each, Palm Lantana Barbonica 50 cts, each, Geranium Peppermint Scented 25 cts, each, Geranium Pelargon-
tum or Pansy Geranium 25 cts, each, Manettia Bicolor 25 cts, each, Amaryllis Hardy White 30 cts, each,

Sweet William Single Red
Pure White
Mixed
Tansy
Tradescantia Virginica
Tricyrtus Hirta, Toad Lily
Veronica Novboracensis
Viola, Hardy, White
Hardy, Blue

Shrubs and Trees

Althea, Single, Mixed
Double, Mixed
Amorpha Fruticosa
Amelopsis Veitchii

Aralia Pentaphylla
Berberis Thunbergii
Bignonia Radicans
Boxwood
California Privet
Note, I can supply California Privet for hedges, fine 2-year-old plants at \$3.00 per hundred packed and delivered at express office here
Calycanthus floridus
Deutzia, Lemoine
Gracilis
Euonymus Americana

Variegated
Forsythia Viridissima
Glycine Frutes, Wisteria
Ivy, English, Green
Abbotsford variegated
Lilac, white, also purple
Lonicera Morrowii
Philadelphus grandiflorus
Priel Berry, evergreen
Pussy Willow
Pyrus baccata, Berried Crab
Rhodotyus Kerrioides
Rose, Crimson Rambler
Setigera
Sambucus Canadensis

Spirea, Anthony Waterer
Callosa alba
VanHoutte
Opulifolia, white; redpod
Prunifolia, white, early
Reevesii, double white
Symphoricarpus Racemosa
Vulgaris, Indian Currant
Viburnum Opulus
Weigela floribunda rosea
Variegated-leaved
Wisteria magnifica blue
Sinensis, Chinese
Yucca Filamentosa

The following plants by the hundred to express office here. California Privet \$3.00 per 100, \$25.00 per 1000. Berberis Thunbergia \$4.00 per 100, \$30.00 per 1000. Pansy Plants \$2.00 per 100, \$18.00 per 1000. Salvia Splendens \$3.00 per 100. Fuchsia Mixed \$5.00 per 100. Aster Plants Pink, White, Blue or Mixed \$5.00 per 100. Sweet Rocket Mixed \$1.00 per 100. Sweet William Mixed \$4.00 per 100. Iris Liberty Mixed \$6.00 per 100. Antirrhinum or Snapdragon Mixed \$5.00 per 100. Parlor Ivy \$5.00 per 100. Malva Moschata Pink and White \$5.00 per 100.

"Famous" Rose Collection For Garden Planting.

I guarantee that no better twelve Roses for the garden were ever offered than this "Famous" Collection. The plants are all well-rooted, healthy, and sure to give satisfaction.

What is more pleasing than a garden of Roses? No other flower gives so much for so little attention, and once established will continue to bloom for years. This collection was made up especially for their hardiness, freedom of bloom, and most suitable for cutting, as the long-pointed buds remain in perfect condition a long time.

SPECIAL OFFER

Send me \$1.85 for the entire "Famous" collection of twelve garden Roses, and I will include free one 2-yr-old Rambler Rose. Order at once, so you may enjoy them this summer.

PINK MANAN COCHET. Best rich pink Rose. Buds large, full, firm, elegantly pointed. Flowers double.

WHITE MANAN COCHET. Magnificent snow-white Rose. Same freedom of bloom as Pink Cochet. Fine.

RED MANAN COCHET. Sure to give satisfaction. Amazing profusion of bloom on long strong shoots.

YELLOW MANAN COCHET. Best hardy, ever-blooming, yellow Rose. Gracefully molded buds. Grand.

WELLESLEY. Bright clear salmon-pink. Vigorous, healthy grower. Fine keeping qualities. Free-bloomer.

CLOTHILD SOUPERT. White shading to pink. Fine for beds or pots, dwarf. Very double. Very fragrant.

KAISERIN AGUSTA VICTORIA. Pure white, Vigorous grower. Blooms freely from spring until frost.
GRUSS AN TEPLITZ. Vivid, dazzling crimson. Sweetly fragrant Roses on long stems. Hardy, 4 to 5 ft tall.
A. H. GRAY. Deep lemon-yellow. Large full flowers, high pointed center and perfect form. Best tea Rose.
WHITE BABY. Pure snow white double blooms, profuse clusters. Fragrant, hardy, ever-blooming, bush.
PINK BABY. Bright carmine-pink. Branching, producing long panicles of flowers from June until frost.
RED BABY. Lovely cherry-crimson and non-fading. Splendid for pots, beds and massing. Constant bloom.

I offer strong one-year-old plants. Price, 25c each; Six for \$1.00; or the entire collection of 12, one plant of each, for \$1.85, postpaid.

4 MAGNIFICENT HARDY CLIMBERS

Excelsa, or Red Dorothy Perkins. Crimson-scarlet, double. Shining foliage that never mildews. Hardy
White Dorothy Perkins. Pure white. Has all the good qualities of the famous Pink Dorothy Perkins.
Aglaia, or Yellow Rambler. Golden-yellow flowers. Double in large clusters. Handsome and desirable.
Euphrosyne, or Pink Rambler. Rich Pink. New Rambler, improvement on Pink Dorothy. Vigorous.

Price of Ramblers, 20c each; the Collection of 4, one of each, 60c, postpaid.

Be sure to Address **ALL Orders to**
GROVER C. SCOTT,
LAPARK, PA.



Lock Your Rupture In

with

The Schuiling Rupture Lock

**Fifteen Million
Ruptured People
In this Country**

EVERYONE can find quick relief.
Many write they are cured.
Send today for free book and trial offer.

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X24 Murphy Building, Indianapolis, Ind.

ARE YOU FAT



JUST TRY THIS

Thousands of over-fat people have greatly reduced their weight and attained a normal figure by following the advice of others who have used and recommend Marmola Prescription Tablets. Harmless little fat reducers prepared in tablet

form from the same ingredients that formerly composed the famous Marmola Prescription for fat reduction.

If you are too fat, you owe it to yourself to give these fat reducers a fair trial. Ask your druggist for them or send one dollar to the Marmola Co., 82 Garfield Bldg., Detroit, Mich., and procure a large case of these tablets.

They are harmless and reduce two, three or four pounds a week without exercise, dieting or any unpleasant effect whatsoever. If you are too fat, try this today.

A LETTER

every man; send today; postage four cents.

DR. ROWE, 110 N. Pearl St. O., Buffalo, N. Y.

LADIES

Free booklet describing wonderful article indispensable for use of married ladies. Sent sealed. MYCENE & KALOOLGY CO., Dept. 20, 122 W. 13th St., New York

TAPE-WORM

Expelled alive in 60 minutes with head, or no fee. No fasting. 68 page Book for 2c stamp. DR. M. NEY SMITH, Specialist, 12 N. 12th St., St. Louis, Mo

450,000 TREES

200 varieties. Also Grapes, Small Fruits, etc. Best-rooted stock. Genuine cheap. 2 sample grapes mailed for 25c Catalog free. LEWIS ROESCH Box G. Fredonia N. Y

CORRESPONDENCE.

To the Editor; Dear Sir; It was with deep sorrow and regret that I learned of the passing away of our "Dear Floral Sister" Mrs. E. R. Murray and am sure the news bore the same experience to many of the older readers of our little Magazine.

It was my pleasure to have known her through correspondence and I always found her the kindest and most obliging of friends although she was in poor health. Am sure the "Bereaved Family" will have the sympathy of our whole "Floral Family" for she certainly will be missed.

Think such beautiful character will surely receive a grand reward and that "Our Loss must be her gain." Mrs. B. F. Sampson.

1103 Penna Ave., Columbus, Ohio.

I have raised flowers ever since I was a little girl and though now past seventy-two years it seems with every passing year that I enjoy my flowers more and more.

Aunt Jane, Iowa.

THE CASTOR OIL BEAN.

Dressing them up to look like foul tasting bugs, the Castor Oil Bean protects her children from hungry birds. If it were not for their disguises, the children might be eaten and never have a chance to grow and become big plants. The wise mother plant realizes this, hence the masquerade. To the average person anything related to Castor Oil is not regarded as much of a delicacy. Birds, however, think otherwise. The seeds of this plant are like candy to them. So the mother plant schemes to protect them. When she sends them out into the world she clothes them in variegated and fantastic dress, until the seeds resemble coccinella, beetles. Now if there is anything birds dislike more than anything else it is a coccinella beetle. As a result, they make a wry face when they see the Castor Oil bean and pass them by. These seeds are oval and about a half inch long. They grow in spiny capsules, three seeds in each capsule. To show that the Castor Oil Plant is no new-comer on the earth, archeologists write of finding its seeds in the tombs of Ancient Egyptians.

JACK-IN-THE-PULPIT.

Hypocrite he is, posing in his ministerial robes like a pious preacher, and at the same time luring innocent victims to death. He pretends to be preaching to the plants about him on the goodness of nature. In reality he is laying a trap to kidnap tiny insects. The bodies of his victims lie scattered even at the base of his pulpit. It may be difficult to convince the majority that this stately flower of the woods is such a villain. He is so dignified as he stands there in his pulpit. He is cousin to the Lily, which decorates altars and the chancel at Easter, but in spite of his religious relatives and his own name, he is nothing more than a kidnapper. His pulpit is lined with a slippery coating. Tiny insects enter it in search of food. They lose their footing and tumble to the bottom. For the small insects there is no escape. Larger ones sometimes force their way out of Jack's clutches and carry the pollen to other plants; but Jack goes on preaching just as though he were the most saintly flower in the woods.

Elsie B. Stoner, Atglen, Pa.

MOLES-GOPHERS-IN BULB BEDS.

I keep them out of mine by making trenches as deep as I want to set the bulbs, strew the bottom with broken pieces of glass, dishes or earthen ware and set bulbs thereon and cover in the usual way. Hope the readers will find this method as effective as I did.—Mrs. A. J. Hoffman, Greencreek, Ida.

TO A FRIEND

We sat within, weary, depressed,
The spirit's vision blurred;
And then you came—a welcome guest—
But still no pulses stirred.

"Come! Look up! you said, and lo!
The dull old world's drab hue
Bathed in Aurora's wondrous glow
Was changed—empty—new.

From Zenith star on every side
Hung shimmering veils of light;
Eruptured, through thin curtains wide,
We glimpsed strange glories bright.

Gone now our languid, fretful air,
Gone clouds of selfish haze;
An inward radiance passing fair
Reflects from upward gaze.

Had you not come we should have missed
This heavenly vision rare,
So you are counted in the list
Of "Angels unaware".

Edith Porter Kimball.

East Thompson, Conn.

QUERIES.

Query! Will someone in Kansas tell us the cultura methods for success with Pansies In the Sun Flower State.

A reader asks for cultural directions for the growing and care of Isemene Calantha Grandiflora, the Peruvian Lily.

EXCHANGES.

Mary Hakes, Clarinda, Iowa, Route No. 4, has Iris in variety, Paeonies, Phlox, Chrysanthemums, Roses, to exchange for Amaryllis, Cannas, Shasta Daisy or cuttings of house plants. Write.

Mrs. W. J. Chuch, R. L. Roulette, Pa. has hardy Phlox and Cacti to exchange for mineral specimens, sea shell, arrows or anything suitable for a cabinet. Write.

Miss Thelma Miller, Morrilton, Ark., has June Berry, Passion Flower, Cannas, for Dahlias, Gladioli, Ferns, Roses, also books and crochet work. Write.

Mrs. A. W. Hagelberg, Charles City, Iowa, R. 6., has house plants of many kinds to exchange for Cactus, house Roses, etc. Write.

Mr. Antonio J. Soares, R. 1, Box 23, Hayward, California, Am a single man very much interested in outdoor life the wild flowers, birds, etc., so wish to hear from any single man similarly interested, who would combine resources with mine to establish a nice little home out here in the west for pleasure and profit.

Mrs. S. W. Wright, Narrows, Ky., R. 2., has purple Lilac, Iris, Lilies, Jonquils, etc., for Amaryllis, Wisteria, Hardy plants, etc. Write.

Mrs. V. Thompson, 1187 Parkhill Ave., Cleveland, O. has seed of Annuals and Perennials, for Oxalis, Auratum Lily, Begonias, Geraniums, etc. Write.

Rheumatism

A Home Cure Given by One Who Had It.

In the spring of 1893 I was attacked by Muscular and Inflammatory Rheumatism. I suffered as only those who have it know, for over three years. I tried remedy after remedy, and doctor after doctor, but such relief as I received was only temporary. Finally, I found a remedy that cured me completely, and it has never returned. I have given it to a number who were terribly afflicted and even bedridden with Rheumatism, and it effected a cure in every case.

I want every sufferer from any form of rheumatic trouble to try this marvelous healing power. Don't send a cent; simply mail your name and address and I will send it free to try. After you have used it and it has proven itself to be that long-looked-for means of curing your Rheumatism, you may send the price of it, one dollar, but, understand, I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer any longer when positive relief is thus offered you free? Don't delay. Write today.

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Mr. Jackson is responsible. Above statement true

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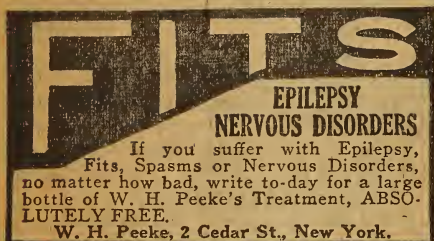
In November I received such a tiny bulb of Babiana Edith. It was potted in just good garden soil in the center of a shallow glass dish. And around it was planted four Star of Bethlehems. I placed them in a closet in a cool dark hall until the little green tops were up. They they were moved to a sunny window. That is it would be sunny if it stopped snowing long enough for the sun to shine. It is in blossom. Large ultramarine blue blossoms with purple marks and dots and pale yellow splashes in the throat and the Stars are budded I see.

B. N. N.

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Augusta. Pure white
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The above eight varieties
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Schwaben. Canary-yellow blotched garnet throat.
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Isaac Buchanan. Pure yellow, a new and wonderful yellow novelty. 15 cts each; 4 for 50 cts.
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What will I use for black lice on Nasturtiums? Mine were completely destroyed by them last year.

A. H. Backus.

Box 32, West Edmeston, N. Y.

How often should Iris be transplanted? Should the "toes" or bulbs be torn apart and set out singly?

What can one do to prevent the blasting of single Narcissus buds?

What kind of soil is required for June Pinks? How often ought they to be transplanted?

What care should be given a Cyclamen Bulb for winter bloom? Mrs. J. L. Swort.
Port Allegany, Pa.

I wish some one would give me some advice about planting Geraniums, Begonias, Fuschias, and Abutilon: our land here is very sandy.

Mrs. J. E. Anderson.

Bx 599. Millinocket, Me.

Who will tell me in the Magazine how to grow and cultivate Clivias? Do they need a rest period like Amaryllis?

Can some one advise me how to care for and cultivate the Lady Slipper—Cypripedium Pabescens? Mrs. Mattie Leeper, R. 4.
Ash Grove, Mo.

Stocks Not Blooming.

I have bought seeds and grown beautiful plants, and then have bought plants from florists which have become bushy plants but have had no blooms. Can you tell me why?

Mrs. A. B. A.

Please name the five or six plants or bulbs that will stand a high temperature and dry air in the Window Garden?

Name the five plants, best suited for all around purposes, that will thrive in a South Window, an East Window, a North Window and a West Window?

What ten plants do best in a shady place in the garden?

CONTROLS FOR ANTS.

Ants in houses are considered as distinct nuisances and pests, although in their proper sphere they are extremely important beings in nature's plan where they destroy certain insects and aid others, says the Pennsylvania Department of Agriculture.

House infesting ants may be black or red in color, several species being commonly found attacking pantries, ice-boxes, larders, cellars and kitchens. Black ants generally prefer sweets and the tiny red ant is partial to greasy feeds, such as meats, lard, butter and cake or cookies.

The most effective and complete control is destruction of the nest and inmates which may be found in the walls of the building or in the adjacent ground. Fumigate nests in the ground by pouring two or more tablespoonfuls of carbon bisulphide in holes made with a sharp stick. For a large mounded ant nest use two or three ounces and cover with a heavy blanket for a time.

Ants in houses may be readily poisoned by means of sweetened baits. One part tartar emetic and 10 parts sugar dissolved in 100 parts of water and placed about in shallow dishes in pantries will be effective. Ordinary tape soaked in corrosive sublimate solution and dried is an effective barrier when wound about legs of tables or fastened along edges of shelves and baseboards.

Permanent relief from ant annoyances can be secured only by destroying their nests and inmates including the queen ant.

EXCHANGES

Mrs. W. A. Rushin, Pavo' Ga, has ferns in variety, Chrysanthemums, Violets, Roses, Begonias, Lillies, for Gingham. Write.

Mrs. B. T. Taylor, Harley, N. C. has four colors large Dahlias red, yellow, purple, white, also Caladiums and Giant Cannas to exchange for Gingham. Write.

Mrs. Irwin Kelsey, Lakeland, Fla. R. R. Box 224, has Flowers, Curios, native Ferns and Millinery for Crocheting and tatting. Write.

D. H. Snowberger, Payette, Ida, has Gladiolus and a few Dahlias, for Tigrida Bulbs. Write.

Mrs. Norman Stoner, R. R. No. 2, So. Whitley, Ind. has crochet work hardy plants, Mums, Tulips, Hyacinths, White and Yellow single Narcissus roses etc for books and other plants. Write.

Mrs. A. C. Crawford, Sulphur Rock, Ark, has Shu Fly plant seed to exchange for Geranium and Fuschia slips. Write.

Miss M. C. Clark, Bemidji, Minn, Rte 2 Box 112 has simple crochet edging and lace for Cyclamen Bulbs, Rex Begonia, Primrose Oboonica and other plants. Write.

Mrs. Ella S. Whitecomb, West Brookfield, Mass., has Sweet Williams, Pansy, Foxglove, Snapdragon, Phlox and Canterbury Bells, for yellow and red Roses, Iris, Paeonies, etc. Write.

Mrs. G. M. Doty, Murphysboro, Ill. R. 3, has Climbing Cereus, Crimson Eye Hibiscus, Sweet Pinks, and choice hardy plants for Evergreens and fine shrubbery. Write.

Mrs. C. R. Tatum, Fayetteville, Ark, R. 5, has Canas and Red Dahlias light and dark blue Iris for Lily bulbs and other colors of Iris. Write.

Mrs. M. E. Camerer, Granby, Ga, has Amaryllis, Cactus and other plants for Cactus, Orinums, Calla Lilly, Fuschias, Beefsteak Begonia, Write.

Mrs. Adam Herkman, R. 4, Chambersburg, Pa. has few Gladiolus and button Mums to exchange for Asparagus or Ostich Feather. Write.

Mrs. Jacob Halterman, Schwenesville, Pa. has a root of Double Orange to exchange for Lemon Scented Thyme. Write.

Mrs. Ida A Cope, Box 190 Meridian Road, R. 2, San Jose, Calif, will exchange seed for seed of Delonix Regia (Royal Poinciana) Sebesten Plum (Geiger Tree) Jatropa Multifide (Red Flowers) Thunbergia Erecta, Caesalpinia Pulcherrima (not flava) Write.

Miss Mary Kimball, Pierpont, Ohio, has Amaryllis, Red Dahlias, Iris, Old Hen and Chickens, Gladiolus, Roses Mixed Poppy perennials etc, for Lillies, Wax Plant, Amaryllis, Pitcher plant etc. Write.

Mrs. H. R. Ware of Tullahoma, Tenn, has named Dahlias for varieties of Iris and Hardy Phlox excepting purple Phlox. Write.

Mrs. G. Woodward, 47 Stillman Ave, Westerly R. 1, wants to correspond with readers having Speciosum Lillies, Red and Pink Cactus with flat foliage, also Willow, Clove or Coral Cactus.

Mrs. Guy Thomas, St. Charles, Minn, Have any of the sisters a Wax Plant to exchange? Write.

R. E. Harris, R. 1, San Saba, Texas, has a variety of named Cacti, blooming size, for useful articles or books. Write.


Mrs. D. A. Sharpless, 225 Oak St. Atlanta, Ga., has 2-year-old Globe Cactus for Chrysanthemums. Write

WILL RADIUM AT LAST OPEN THE DOOR OF THE GREAT UNKNOWN?

If you are sick and want to Get Well and Keep Well, write for literature that tells How and Why this almost unknown and wonderful new element brings relief to so many sufferers from Rheumatism, Sciatica, Gout, Neuritis, Neuralgia, Nervous Prostration, High Blood Pressure and diseases of the Stomach, Heart, Lungs, Liver, Kidneys and other ailments. You wear this Radio-Active Solar Pad day and night, receiving the Radio-Active Rays continuously into your system, causing a healthy circulation, overcoming sluggishness, throwing off impurities and restoring the tissues and nerves to a normal condition—and the next thing you know you are getting well.

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DR. J. E. CANNADAY

1722 Court Bldg., Sedalia, Mo.

References: Third National Bank, Sedalia, Mo.
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BOOK.**

Ginn & Company, Publishers, at Boston, New York, Chicago, Dallas, Atlanta and San Francisco, have just published a General Botany, by Hiram D. Densmore, priced at \$2.96 which is a most excellent text for students of Botany. It is designed for Universities and Colleges and will be found valuable for advanced students of plants everywhere. Prepared by a recognized authority, for many years an instructor in the subject, and freely illustrated and modernized, the book will be appreciated by a large body of workers interested in this subject.

EARTH WORMS.

Earth or angle worms are not directly injurious to pot plants but the injury they do by clogging up the drainage cannot be underestimated. To easily remove the worms thrust a knitting needle freely through the soil when they will come to the surface and then can be readily removed or dissolve a piece of lime about the size of an acorn in a quart of water and when the mixture has settled, water the pot plants thoroughly with the lime water—this will not only drive out the worms, but will materially aid in keeping the soil from becoming sour and will improve the growth and vigor of the plants.

Chas. E. Parnell, Floral Park, N. Y.

OKRA SHAPED BLOSSOMS.

In response to the query of J. J. Lyle of Texhoma, Okla., the shrub called the Lily with lavender colored bloom is the single Althea if the bush stands through the winter. The single Hibiscus has okra shaped bloom but this plant dies to the ground in winter and grows again from the root base in the spring.—Mrs. J. A. Byars, White, Ga., Rt. 1, Box 10.

EXCHANGES.

Elsie B. Stoner, Atglen, Pa. will exchange mixed Aster, Poppy, Zinnia and Marigold Seed for post card views from different states. Write.

Mrs. W. W. Billington, Kirkville, N. Y. R. F. D. No. 1. has hardy plants and house plants to exchange for flowering Cannas, Water Lilies, Water Hyacinths or Aquatic Plants. Write.

Mrs. J. H. Root, 52 Rockton Road, Beloit, Wis., has Cyclamen, Shasta Daisies, Hardy Carnations, Roses, and house plants, for Peonies, Amaryllis, etc. Write.

Mrs. J. M. Sayles, Solon Springs, Wis., has Garden Heliotrope, Larkspur, Everfew, Sweet Williams, Double Red Hollyhock, Yellow Iris, etc., for Hardy Lily bulbs excepting Tigers. Write.

Mrs. Bertha S. Bickford, Essex St., R. 1, Bangor, Me., has Dahlias, Yellow Iris, White and Red Phlox, Lemon Lily, Double Daisy, etc., for Dahlias, Iris, Tiger Lilies, Phlox, Hardy Perennials, etc. Write.

M. D. Redford, Temple, Ga., has Red Spider Lily, Narcissus, Pumpkin and Squash seeds, for White Spider Lily, and silk pieces. Write.

Mary Hall, R. 1, Vinson, Okla., Zinnia, Morning Glories, Bird of Paradise, for sweet-scented plants or seeds. Write.

Mrs. O. V. Booker, Smithfield, N. C., has Dahlias and Cannas roots, Shasta Laisy and Pinks, for Gladiolus and Iris roots. Write.

Mrs. Orpha J. Biffrell, R. 1, Bx 99, Lewis, Ind., has unnamed double red Rose, Amaryllis, etc., for Peonies and Everlasting Strawberries. Write.

Mrs. Viola Roberts, Oak Grove, La., has Giant Himalaya Berry, Double Pearl Tuberosa, purple California Violet for plants not in her collection. Write

Mrs. S. Arthur Strong, Richmond, Me. invites correspondence with those having Fritillaria—Crown Imperial—and Guinea Hen Flower.

Mrs. A. O. Stromer, DeForest, Wis., has Dahlias Peonies, Spireas, Larkspur, Oxalis, for Gladiolus Madiera vine, Crinum, Amaryllis, Write.

FACTS ABOUT TREES. WHY WE SHOULD PROTECT THE TREES WE HAVE AND PLANT MORE.

1. Cutting down trees spoils the beauty of the landscape. I would not like to live where there were no trees.
2. There are few birds where there are no trees. They have no place to make their homes.
3. Taking away the trees takes away the protection from tender fruit trees.
4. Where there are no trees the snows melt and go off too rapidly; the moisture that should sink into the soil is carried away in floods.
5. Because our forests are taken away we have severe droughts every year.
6. One full grown Elm tree gives out fifteen tons of moisture in twenty-four hours. A large Sunflower plant gives off three pints of water in one day.
7. The trees give us lumber, fuel, wood pulp for newspapers, cork, bark for tanning, wild fruits, nuts, resin, turpentine, oils and various products for medicines.
8. We should have greater extremes of heat and cold were it not for the trees and forests.
9. The leaves of trees catch the rain and hold it for a little while; then they drop the water a little at a time; this is better for the ground.
10. The old leaves make a deep sponge carpet in the woods, this keeps the ground from freezing. If the earth does not freeze, it takes up the rain better.
11. We might have dangerous floods if we did not have trees. The trunks and roots of trees stop the water that comes pouring down the hillside.
12. I will be very careful not to hurt any tree, but will call every tree my friend, E. P. K.

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Eat all you want, what you want, when you want to. Get rid of Dyspepsia, Indigestion, Catarrh of the Stomach, Belching, Heart Fluttering, Sour Stomach, Nervousness Constipation, Headache, etc.

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"Lucky Five" who refused \$50,000 for half of a \$100 lease

about the newly discovered Oil Fields which we are now opening up to the public for the first time—reasons why this new wonderful tract should produce Oil and gas in abundant quantities—**WE DRILL THE FIRST WELL AT OUR EXPENSE**—and how \$25 down enables you to become the actual owner of a 5-Acre Texas Oil and Gas Lease, with no "extras," rentals, taxes, interest, no "strings" or additional charges. We are "Oil Land Developers." We do not sell "Oil Stocks." Send at once for **FREE "Oil MONEY for You"**—absolutely no obligation on your part—but **ACT QUICKLY**.

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1 Package French Face Powder.....	.75			.49
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